



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
PRABIN SARKAR
for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **66** %

Online Assignments	25/25	Proctored Exam	40.63/75
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Total number of candidates certified in this course: **10672**

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2023
(12 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS20S43961292

To validate the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
PRITAM ADHIKARI
for successfully completing the course

Business Analytics for Management Decision

with a consolidated score of **49** %

Online Assignments	18.69/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **556**

Jan-Apr 2023
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23MG54S63961104

To validate the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
RAUNAK CHAKRABARTI
for successfully completing the course

Digital System Design

with a consolidated score of **49** %

Online Assignments	18.25/25	Proctored Exam	30.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **392**

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2023
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23EE29S33870064

To validate the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SANTU NAYEK
for successfully completing the course

Non-conventional Energy Resources

with a consolidated score of **41** %

Online Assignments	11.41/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **717**

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2023
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23GE04553960710

To validate the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SASWATA HALDER
for successfully completing the course

Non-conventional Energy Resources

with a consolidated score of **55** %

Online Assignments	25/25	Proctored Exam	30/75
--------------------	-------	----------------	-------

Total number of candidates certified in this course: **717**

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23GE04553960848

To validate the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SHIBIKA ROY
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **73** %

Online Assignments	22.25/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **14770**

Jan-Apr 2023
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS51S63961449

To validate the certificate



No. of credits recommended: 3 or 4



Jan 11, 2023

Sudipta Halder

has successfully completed

R Programming

an online non-credit course authorized by Johns Hopkins University and offered through Coursera

Jeff Leek, PhD; Roger Peng, PhD; Brian Caffo, PhD
Department of Biostatistics
Johns Hopkins Bloomberg School of Public Health

COURSE
CERTIFICATE



Verify at:

coursera.org/verify/2AY2KTXUNSGD

This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University; it does not confer a PhD grade, course credit or degree; establish a relationship between this learner and JHU; enroll or register this learner at JHU or in any course offered by JHU; or entitle this learner to access or use resources beyond the online courses provided by Coursera.



Jan 28, 2023

Mithu Rani Das

has successfully completed

Machine Learning with Python

an online non-credit course authorized by IBM and offered through Coursera

COURSE
CERTIFICATE



Saeed Aghabozorgi
Sr. Data Scientist
IBM

Joseph Santamargolo
Senior Data Scientist
IBM

Verify at:
<https://coursera.org/verify/2P473187H234>
Coursera has confirmed the identity of this individual and their participation in the course.



Jan 28, 2023

Mithu Rani Das

has successfully completed

Machine Learning with Python

an online non-credit course authorized by IBM and offered through Coursera

COURSE
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Saeed Aghabecorgi
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IBM

Joseph Santamargolo
Senior Data Scientist
IBM

Verify at:
<https://coursera.org/verify/2P473187H234>
Coursera has confirmed the identity of this individual and their participation in the course.



Jan 25, 2023

Akash Lohar

has successfully completed

Python for Data Science, AI & Development

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/2XD8ED0FGTQ>
Coursera has confirmed the identity of this individual and their participation in the course.



Jan 25, 2023

Akash Lohar

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Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/2XD8ED0FGTQ>
Coursera has confirmed the identity of this individual and their participation in the course.



Apr 5, 2023

Pritam Das

has successfully completed

Machine Learning with Python

an online non-credit course authorized by IBM and offered through Coursera

COURSE
CERTIFICATE



Saeed Aghabecorgi
Sr. Data Scientist
IBM

Joseph Santamargolo
Senior Data Scientist
IBM

Verify at:
<https://coursera.org/verify/3APXLCJVA0P7>
Coursera has confirmed the identity of this individual and their participation in the course.



南京大學
NANJING UNIVERSITY

Jan 13, 2023

Dibyendu Dutta

has successfully completed

Data Processing Using Python

an online non-credit course authorized by Nanjing University and offered through
Coursera

ZHANG Li

Zhang Li
associate professor
Department of Computer Science

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/3C7D62CX884j>
Coursera has confirmed the identity of this individual and their
participation in the course.



5 Courses

The Data Scientist's Toolbox
R Programming
Getting and Cleaning Data
Exploratory Data Analysis
Reproducible Research



Jan 22, 2023

Md Wahidujaman Biswash

has successfully completed the online, non-credit Specialization

Data Science: Foundations using R

The Data Science Specialization covers foundational concepts and tools for the data science pipeline. Successful participants learn how to use the tools of the trade, think analytically about complex problems, manage large data sets, create visualizations, and publish reproducible analyses. This certificate does not confer academic credit toward a degree or official status at the Johns Hopkins University.

Jeff Leek, PhD; Roger
Perg, PhD; Brian Caffo,
PhD
Department of
Biostatistics
Johns Hopkins
Bloomberg School of
Public Health

The online specialization named in this certificate may draw on material from courses taught on campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:
<https://coursera.org/verify/specialization/3/88WUJBDW8V>



Jan 27, 2023

Shiva Mondal

has successfully completed

Python for Data Science, AI & Development

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/4B6DJAGE2RTI>

Coursera has confirmed the identity of this individual and their participation in the course.



Jan 27, 2023

Shiva Mondal

has successfully completed

Machine Learning with Python

an online non-credit course authorized by IBM and offered through Coursera

COURSE
CERTIFICATE



Saeed Aghabozorgi
Sr. Data Scientist
IBM

Joseph Santamargolo
Senior Data Scientist
IBM

Verify at:
<https://coursera.org/verify/4CDCFYBDQSKP>
Coursera has confirmed the identity of this individual and their participation in the course.



Jan 11, 2023

Sourav Mondal

has successfully completed

Python and Statistics for Financial Analysis

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

A handwritten signature in black ink, appearing to read 'Xulu Wan'.

Xulu Wan
Associate Professor
Department of Informatics Systems, Business Statistics and Operations Management

**COURSE
CERTIFICATE**



Verify at:
<https://coursera.org/verify/AF1JD5V8LX7>
Coursera has confirmed the identity of this individual and their participation in the course.



Jan 26, 2023

NAURIN SULTANA

has successfully completed

Machine Learning with Python

an online non-credit course authorized by IBM and offered through Coursera

COURSE
CERTIFICATE



Saeed Aghabecorgi
Sr. Data Scientist
IBM

Joseph Santamargolo
Senior Data Scientist
IBM

Verify at:
<https://coursera.org/verify/4KHAVCHNMCVH>
Coursera has confirmed the identity of this individual and their participation in the course.



Jan 27, 2023

Gourab Dey

has successfully completed

Machine Learning with Python

an online non-credit course authorized by IBM and offered through Coursera

COURSE
CERTIFICATE



Saeed Aghabozorgi
Sr. Data Scientist
IBM

Joseph Santamargolo
Senior Data Scientist
IBM

Verify at:
<https://coursera.org/verify/5A2CY8X0N6>
Coursera has confirmed the identity of this individual and their participation in the course.



May 11, 2023

Jyotishree Mondal

has successfully completed

Python for Data Science, AI & Development

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santarangelo
Senior Data Scientist
IBM

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/5DX5PDEH7KUP>

Coursera has confirmed the identity of this individual and their participation in the course.



Jan 7, 2023

Pritam Das

has successfully completed

Python and Statistics for Financial Analysis

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

A handwritten signature in black ink, appearing to read 'Xulu Wan'.

Xulu Wan
Associate Professor
Department of Informatics Systems, Business Statistics and Operations Management

**COURSE
CERTIFICATE**



Verify at:

<https://coursera.org/verify/BJ28YVH03E2H>
Coursera has confirmed the identity of this individual and their participation in the course.



Jan 27, 2023

SK FARUK

has successfully completed

Machine Learning with Python

an online non-credit course authorized by IBM and offered through Coursera

COURSE
CERTIFICATE



Saeed Aghabecorgi
Sr. Data Scientist
IBM

Joseph Santamargolo
Senior Data Scientist
IBM

Verify at:
<https://coursera.org/verify/6XDZH9U66VRC>
Coursera has confirmed the identity of this individual and their participation in the course.



南京大學
NANJING UNIVERSITY

Jan 13, 2023

Gourab Dey

has successfully completed

Data Processing Using Python

an online non-credit course authorized by Nanjing University and offered through Coursera

ZHANG Li

Zhang Li
associate professor
Department of Computer Science

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/2BW5GM9J55Z7>

Coursera has confirmed the identity of this individual and their participation in the course.



Nov 15, 2022

JAHIRUL HASAN MOLLAH

has successfully completed

Applied Machine Learning in Python

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink that reads 'KCT' followed by a flourish.

Kevyn Collins-Thompson
Associate Professor
School of Information

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/7TW8D127863Q>
Coursera has confirmed the identity of this individual and their participation in the course.



5 Courses

Statistical Inference
Regression Models
Practical Machine Learning
Developing Data Products
Data Science Capstone



May 12, 2023

MD Wahidujaman Biswash

has successfully completed the online, non-credit Specialization

Data Science: Statistics and Machine Learning

The Data Science Specialization covers the concepts and tools for an entire data science pipeline. Successful participants learn how to use the tools of the trade, think analytically about complex problems, manage large data sets, deploy statistical principles, create visualizations, build and evaluate machine learning algorithms, publish reproducible analyses, and develop data products. This certificate does not confer academic credit toward a degree or official status at the Johns Hopkins University.

Jeff Leek, PhD; Roger
Perg, PhD; Brian Caffo,
PhD
Department of
Biostatistics
Johns Hopkins
Bloomberg School of
Public Health

The online specialization named in this certificate may draw on material from courses taught on campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:
<https://coursera.org/verify/specialization/8ASD1JG8RZZG>



Jan 24, 2023

Gourab Dey

has successfully completed

Python for Data Science, AI & Development

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/8S6WZ2UJZXRT>
Coursera has confirmed the identity of this individual and their participation in the course.



Jan 10, 2023

Argha Banik

has successfully completed

Python and Statistics for Financial Analysis

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

A handwritten signature in black ink, appearing to read 'Xulu Wan'.

Xulu Wan
Associate Professor
Department of Informatics Systems, Business Statistics and Operations Management

**COURSE
CERTIFICATE**



Verify at:

<https://coursera.org/verify/858HWP679CH7>

Coursera has confirmed the identity of this individual and their participation in the course.



Jan 27, 2023

Sourav Mondal

has successfully completed

Machine Learning with Python

an online non-credit course authorized by IBM and offered through Coursera

COURSE
CERTIFICATE



Saeed Aghabecorgi
Sr. Data Scientist
IBM

Joseph Santamargolo
Senior Data Scientist
IBM

Verify at:
<https://coursera.org/verify/23H9J4Z78END>
Coursera has confirmed the identity of this individual and their participation in the course.



Jan 7, 2023

Sudipta Halder

has successfully completed

Python for Data Science, AI & Development

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/52BWGLH77V5H>
Coursera has confirmed the identity of this individual and their participation in the course.



Jan 7, 2023

Sudipta Halder

has successfully completed

Python for Data Science, AI & Development

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/52BWGLH77V5H>
Coursera has confirmed the identity of this individual and their participation in the course.



Jan 27, 2023

AMIT KUMAR GHOSH

has successfully completed

Machine Learning with Python

an online non-credit course authorized by IBM and offered through Coursera

Saeed Aghabozorgi
Sr. Data Scientist
IBM

Joseph Santamargolo
Senior Data Scientist
IBM

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/6ZCYCFJKKD2>

Coursera has confirmed the identity of this individual and their participation in the course.



南京大學
NANJING UNIVERSITY

Jan 13, 2023

Sourav Mondal

has successfully completed

Data Processing Using Python

an online non-credit course authorized by Nanjing University and offered through Coursera

ZHANG Li

Zhang Li
associate professor
Department of Computer Science

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/93RTLM4W7CA2>

Coursera has confirmed the identity of this individual and their participation in the course.



Jan 27, 2023

Sujan Kumar Dey

has successfully completed

Python for Data Science, AI & Development

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/38772F875MNE>

Coursera has confirmed the identity of this individual and their participation in the course.



Mar 22, 2023

Pulak Roy

has successfully completed

Python for Data Science, AI & Development

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/AFYLLHLAGBH2>
Coursera has confirmed the identity of this individual and their participation in the course.



Jan 24, 2023

Mithu Rani Das

has successfully completed

Python for Data Science, AI & Development

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santarangelo
Senior Data Scientist
IBM

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/CdLOXURMT2N>
Coursera has confirmed the identity of this individual and their participation in the course.



Jan 9, 2023

AMIT KUMAR GHOSH

has successfully completed

Python and Statistics for Financial Analysis

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

Xulu Wan
Associate Professor
Department of Informatics Systems, Business Statistics and Operations Management

**COURSE
CERTIFICATE**



Verify at:
<https://coursera.org/verify/DN39WQSZ447>
Coursera has confirmed the identity of this individual and their participation in the course.



Jan 10, 2023

Gourab Samadder

has successfully completed

Python and Statistics for Financial Analysis

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

Xulu Wan
Associate Professor
Department of Informatics Systems, Business Statistics and Operations Management

**COURSE
CERTIFICATE**



Verify at:

<https://coursera.org/verify/EGVX62CBYPF3>

Coursera has confirmed the identity of this individual and their participation in the course.



Jan 24, 2023

NAURIN SULTANA

has successfully completed

Python for Data Science, AI & Development

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/ENGGIMX79XW0>
Coursera has confirmed the identity of this individual and their participation in the course.



Jan 8, 2023

Brayen Sarkar

has successfully completed

Python and Statistics for Financial Analysis

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

A handwritten signature in black ink, appearing to read 'Xulu Wan'.

Xulu Wan
Associate Professor
Department of Informatics Systems, Business Statistics and Operations Management

**COURSE
CERTIFICATE**



Verify at:
<https://coursera.org/verify/ETW775A46ER>
Coursera has confirmed the identity of this individual and their participation in the course.



Jan 8, 2023

SK FARUK

has successfully completed

Python and Statistics for Financial Analysis

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

A handwritten signature in black ink, appearing to read 'Xulu Wan'.

Xulu Wan
Associate Professor
Department of Informatics Systems, Business Statistics and Operations Management

**COURSE
CERTIFICATE**



Verify at:
<https://coursera.org/verify/EYKPKYU4HE>
Coursera has confirmed the identity of this individual and their participation in the course.



Mar 22, 2023

Pulak Roy

has successfully completed

Machine Learning with Python

an online non-credit course authorized by IBM and offered through Coursera

COURSE
CERTIFICATE



Saeed Aghabecorgi
Sr. Data Scientist
IBM

Joseph Santamargolo
Senior Data Scientist
IBM

Verify at:
<https://coursera.org/verify/E2QVN65ZX448>
Coursera has confirmed the identity of this individual and their participation in the course.



南京大學
NANJING UNIVERSITY

Jan 12, 2023

Argha Banik

has successfully completed

Data Processing Using Python

an online non-credit course authorized by Nanjing University and offered through
Coursera

ZHANG Li

Zhang Li
associate professor
Department of Computer Science

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/GDD2C63NV9H2>
Coursera has confirmed the identity of this individual and their
participation in the course.



Jan 27, 2023

Gourab Samadder

has successfully completed

Machine Learning with Python

an online non-credit course authorized by IBM and offered through Coursera

COURSE
CERTIFICATE



Saeed Aghabozorgi
Sr. Data Scientist
IBM

Joseph Santamargolo
Senior Data Scientist
IBM

Verify at:
<https://coursera.org/verify/GRTSGACMASXS>
Coursera has confirmed the identity of this individual and their participation in the course.



Feb 1, 2023

Sujan Kumar Dey

has successfully completed

Machine Learning with Python

an online non-credit course authorized by IBM and offered through Coursera

COURSE
CERTIFICATE



Saeed Aghabecorgi
Sr. Data Scientist
IBM

Joseph Santamargolo
Senior Data Scientist
IBM

Verify at:
<https://coursera.org/verify/HWdTP2ECN9FX>
Coursera has confirmed the identity of this individual and their participation in the course.



南京大學
NANJING UNIVERSITY

Jan 12, 2023

AMIT KUMAR GHOSH

has successfully completed

Data Processing Using Python

an online non-credit course authorized by Nanjing University and offered through
Coursera

ZHANG Li

Zhang Li
associate professor
Department of Computer Science

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/HPWBRV6F29>

Coursera has confirmed the identity of this individual and their
participation in the course.



南京大學
NANJING UNIVERSITY

Jan 17, 2023

Sudipta Halder

has successfully completed

Data Processing Using Python

an online non-credit course authorized by Nanjing University and offered through
Coursera

ZHANG Li

Zhang Li
associate professor
Department of Computer Science

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/BJAMY4IP3FVC>

Coursera has confirmed the identity of this individual and their
participation in the course.



南京大學
NANJING UNIVERSITY

Jan 7, 2023

Pritam Das

has successfully completed

Data Processing Using Python

an online non-credit course authorized by Nanjing University and offered through Coursera

ZHANG Li

Zhang Li
associate professor
Department of Computer Science

COURSE
CERTIFICATE



Verify at:

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Coursera has confirmed the identity of this individual and their participation in the course.



Jan 25, 2023

Gourab Dey

has successfully completed

**Renewable Energy and Green Building
Entrepreneurship**

an online non-credit course authorized by Duke University and offered through Coursera

Chris Wedding
Faculty Member
Nicholas School of the Environment, Founder and Managing Partner, IronOak Energy

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/KU9MHEVVKXC>
Coursera has confirmed the identity of this individual and their participation in the course.



Nov 16, 2022

JAHIRUL HASAN MOLLAH

has successfully completed

Statistical Inference

an online non-credit course authorized by Johns Hopkins University and offered through Coursera

Jeff Leek, PhD; Roger Peng, PhD; Brian Caffo, PhD
Department of Biostatistics
Johns Hopkins Bloomberg School of Public Health

**COURSE
CERTIFICATE**



Verify at:

coursera.org/verify/LAWPY5BNZDA

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Jan 11, 2023

Dibyendu Dutta

has successfully completed

Python and Statistics for Financial Analysis

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

Xulu Wan
Associate Professor
Department of Informatics Systems, Business Statistics and Operations Management

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CERTIFICATE**



Verify at:

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Coursera has confirmed the identity of this individual and their participation in the course.



Jan 27, 2023

SK FARUK

has successfully completed

Python for Data Science, AI & Development

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE
CERTIFICATE



Verify at:
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Coursera has confirmed the identity of this individual and their participation in the course.



南京大學
NANJING UNIVERSITY

Jan 12, 2023

Brayen Sarkar

has successfully completed

Data Processing Using Python

an online non-credit course authorized by Nanjing University and offered through
Coursera

ZHANG Li

Zhang Li
associate professor
Department of Computer Science

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/M6KFD5VL3NVS>

Coursera has confirmed the identity of this individual and their
participation in the course.



Jan 25, 2023

Argha Banik

has successfully completed

Python for Data Science, AI & Development

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/MYA/E6YIU2FW>

Coursera has confirmed the identity of this individual and their participation in the course.



南京大學
NANJING UNIVERSITY

Jan 16, 2023

Sujan Kumar Dey

has successfully completed

Data Processing Using Python

an online non-credit course authorized by Nanjing University and offered through
Coursera

ZHANG Li

Zhang Li
associate professor
Department of Computer Science

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/MYMD4VFEKQ9U>

Coursera has confirmed the identity of this individual and their
participation in the course.



Apr 5, 2023

Pritam Das

has successfully completed

Python for Data Science, AI & Development

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/NM17KHDYP2G2>
Coursera has confirmed the identity of this individual and their participation in the course.



THE HONG KONG
UNIVERSITY OF SCIENCE
AND TECHNOLOGY

Jan 10, 2023

Gourab Dey

has successfully completed

Python and Statistics for Financial Analysis

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

A handwritten signature in black ink, appearing to read 'Xulu Wan'.

Xulu Wan
Associate Professor
Department of Informatics Systems, Business Statistics and Operations Management

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/P9P26PRK28YK>
Coursera has confirmed the identity of this individual and their participation in the course.



南京大學
NANJING UNIVERSITY

Jan 13, 2023

Gourab Samadder

has successfully completed

Data Processing Using Python

an online non-credit course authorized by Nanjing University and offered through Coursera

ZHANG Li

Zhang Li
associate professor
Department of Computer Science

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/PAUH3XIXEF7P>
Coursera has confirmed the identity of this individual and their participation in the course.



Jan 25, 2023

AMIT KUMAR GHOSH

has successfully completed

Python for Data Science, AI & Development

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/DMIP939EEVA2>

Coursera has confirmed the identity of this individual and their participation in the course.



THE HONG KONG
UNIVERSITY OF SCIENCE
AND TECHNOLOGY

Jan 8, 2023

NAURIN SULTANA

has successfully completed

Python and Statistics for Financial Analysis

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

A handwritten signature in black ink, appearing to read 'Xulu Wan'.

Xulu Wan
Associate Professor
Department of Informatics Systems, Business Statistics and Operations Management

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/DYJ2WDKUZ9CY>
Coursera has confirmed the identity of this individual and their participation in the course.



Jan 9, 2023

Sujan Kumar Dey

has successfully completed

Python and Statistics for Financial Analysis

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

Xulu Wan
Associate Professor
Department of Informatics Systems, Business Statistics and Operations Management

**COURSE
CERTIFICATE**



Verify at:
<https://coursera.org/verify/RWS2JDRWH823>
Coursera has confirmed the identity of this individual and their participation in the course.



南京大學
NANJING UNIVERSITY

Jan 13, 2023

SK FARUK

has successfully completed

Data Processing Using Python

an online non-credit course authorized by Nanjing University and offered through Coursera

ZHANG Li

Zhang Li
associate professor
Department of Computer Science

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/TV98HPRU2C4T>

Coursera has confirmed the identity of this individual and their participation in the course.



Jan 11, 2023

Akash Lohar

has successfully completed

Python and Statistics for Financial Analysis

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

Xulu Wan
Associate Professor
Department of Informatics Systems, Business Statistics and Operations Management

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/UEQP12PPSW12>
Coursera has confirmed the identity of this individual and their participation in the course.



Jan 27, 2023

Akash Lohar

has successfully completed

Machine Learning with Python

an online non-credit course authorized by IBM and offered through Coursera

Saeed Aghabecorgi
Sr. Data Scientist
IBM

Joseph Santamargolo
Senior Data Scientist
IBM

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/LXUFBKZ9KUXW>

Coursera has confirmed the identity of this individual and their participation in the course.



Jan 24, 2023

Brayen Sarkar

has successfully completed

Python for Data Science, AI & Development

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/V3XGEDZV2QDY>
Coursera has confirmed the identity of this individual and their participation in the course.



南京大學
NANJING UNIVERSITY

Apr 25, 2023

Jyotishree Mondal

has successfully completed

Data Processing Using Python

an online non-credit course authorized by Nanjing University and offered through
Coursera

ZHANG Li

Zhang Li
associate professor
Department of Computer Science

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/VPWSTSEPYZ7T>

Coursera has confirmed the identity of this individual and their
participation in the course.



南京大學
NANJING UNIVERSITY

Mar 4, 2023

Pulak Roy

has successfully completed

Data Processing Using Python

an online non-credit course authorized by Nanjing University and offered through Coursera

ZHANG Li

Zhang Li
associate professor
Department of Computer Science

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/W4X2T7E564CJ>
Coursera has confirmed the identity of this individual and their participation in the course.



Jan 27, 2023

Argha Banik

has successfully completed

Machine Learning with Python

an online non-credit course authorized by IBM and offered through Coursera

Saeed Aghabozorgi
Sr. Data Scientist
IBM

Joseph Santamarino
Senior Data Scientist
IBM

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/XMXWVX56A0Z8>

Coursera has confirmed the identity of this individual and their participation in the course.



May 11, 2023

Jyotishree Mondal

has successfully completed

Machine Learning with Python

an online non-credit course authorized by IBM and offered through Coursera

COURSE
CERTIFICATE



Saeed Aghabozorgi
Sr. Data Scientist
IBM

Joseph Santamargolo
Senior Data Scientist
IBM

Verify at:
<https://coursera.org/verify/Y544FM7NEUCR>
Coursera has confirmed the identity of this individual and their participation in the course.



Jan 26, 2023

Sourav Mondal

has successfully completed

Python for Data Science, AI & Development

an online non-credit course authorized by IBM and offered through Coursera

Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/YPTJIE82DPGS>

Coursera has confirmed the identity of this individual and their participation in the course.



THE HONG KONG
UNIVERSITY OF SCIENCE
AND TECHNOLOGY

Jan 10, 2023

Mithu Rani Das

has successfully completed

Python and Statistics for Financial Analysis

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

A handwritten signature in black ink, appearing to read 'Xulu Wan'.

Xulu Wan
Associate Professor
Department of Informatics Systems, Business Statistics and Operations Management

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/YRLTZX/MFPG>
Coursera has confirmed the identity of this individual and their participation in the course.



南京大學
NANJING UNIVERSITY

Jan 13, 2023

NAURIN SULTANA

has successfully completed

Data Processing Using Python

an online non-credit course authorized by Nanjing University and offered through
Coursera

ZHANG Li

Zhang Li
associate professor
Department of Computer Science

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/Z297VM63CRKB>

Coursera has confirmed the identity of this individual and their
participation in the course.



Jan 24, 2023

Brayen Sarkar

has successfully completed

Machine Learning with Python

an online non-credit course authorized by IBM and offered through Coursera

COURSE
CERTIFICATE



Saeed Aghabecorgi
Sr. Data Scientist
IBM

Joseph Santamargolo
Senior Data Scientist
IBM

Verify at:
<https://coursera.org/verify/ZGBJ4ZC39KAX>
Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-d7d2575e-b6a8-498c-a204-7b7b5d8e0dd3

Certificate url: ude.my/UC-d7d2575e-b6a8-498c-a204-7b7b5d8e0dd3

Reference Number: 0004

CERTIFICATE OF COMPLETION

Java Network Programming - Mastering TCP/IP | CJNP+ 2023 JVA

Instructors **OCSALY Academy | 180.000+ Students**

Niladri Biswas

Date **March 20, 2023**

Length **8 total hours**



Certificate no: UC-d7d2575e-b6a8-498c-a204-7b7b5d8e0dd3

Certificate url: ude.my/UC-d7d2575e-b6a8-498c-a204-7b7b5d8e0dd3

Reference Number: 0004

CERTIFICATE OF COMPLETION

Java Network Programming - Mastering TCP/IP | CJNP+ 2023 JVA

Instructors **OCSALY Academy | 180.000+ Students**

Niladri Biswas

Date **March 20, 2023**

Length **8 total hours**



Certificate no: UC-325a0e90-b081-41fd-9166-2bba617db18d

Certificate url: ude.my/UC-325a0e90-b081-41fd-9166-2bba617db18d

Reference Number: 0004

CERTIFICATE OF COMPLETION

Complete JAVASCRIPT with HTML5, CSS3 from zero to Expert-2023

Instructors **Hemanth kumar**

Harshit Kumar Mishra

Date **May 17, 2023**

Length **17 total hours**



Certificate no: UC-2426fb8b-4755-4276-828c-c37665ec224a

Certificate url: ude.my/UC-2426fb8b-4755-4276-828c-c37665ec224a

Reference Number: 0004

CERTIFICATE OF COMPLETION

HTML, CSS, React - Certification Course for Beginners

Instructors **YouAccel Training**

Javed Akhtar

Date **July 20, 2023**

Length **14.5 total hours**



Certificate no: UC-27e9568c-654f-4c3c-991d-1ba9d81d96b9

Certificate url: ude.my/UC-27e9568c-654f-4c3c-991d-1ba9d81d96b9

Reference Number: 0004

CERTIFICATE OF COMPLETION

The Complete 2023 Web Development Bootcamp

Instructors **Dr. Angela Yu**

JOYSREE SAHA

Date **Jan. 10, 2023**

Length **65.5 total hours**



Declaration of Completion

Sahil Singh

has successfully completed the online course:

Machine Learning

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

28th Mar 2023



Krishna Kumar
CEO



26 Jan, 2023

NAURIN SULTANA

has successfully completed

Machine Learning with Python

an online non-credit course authorized by IBM Skills Network and offered through
Coursera

Saeed Aghabozorgi
Sr. Data Scientist
IBM

Joseph Santarcangelo
Senior Data Scientist
IBM

**COURSE
CERTIFICATE**



Verify at:

<https://coursera.org/verify/4KHAVCHNMCVH>

Coursera has confirmed the identity of this individual and their participation in the course.

This certifies that

Ritwik Chatterjee

has successfully completed the freeCodeCamp.org

Machine Learning with Python

Developer Certification, representing approximately 300 hours of
coursework.



Quincy Larson

Executive Director, freeCodeCamp.org





Certificate no: UC-03219c94-3f3e-4227-99da-28decfb1deef

Certificate url: ude.my/UC-03219c94-3f3e-4227-99da-28decfb1deef

Reference Number: 0004

CERTIFICATE OF COMPLETION

Master Multithreading - Concurrency with Java Examples

Instructors **Andrii Piatakha, Learn IT University**

Niladri Biswas

Date **Feb. 26, 2023**

Length **5 total hours**



We certify that Sayan Ghosh
has completed the following courses on our platform:

Mechanical - Metal Casting by nptelhrd

30 hours 34 minutes - From 05/03/2023 to 06/03/2023

A handwritten signature in black ink, reading "Adrian Medeiros Dantas", written over a horizontal line.

Adrian Medeiros Dantas
Executive Director - Cursa

A horizontal line representing the student's signature.

Student Signature
Sayan Ghosh

c473-2238317

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.



Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.



Certificate

We certify that **AADRISH DEY**
has completed the following courses on our platform:



Mechanical - Metal Casting by nptelhrd

30 hours 34 minutes - From 05/03/2023 to 06/03/2023

Adrián Medeiros Dantas
Executive Director - Cursa

Student Signature
AADRISH DEY

c473-1356755

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: contato@cursa.app



Point the camera to
verify authenticity

CERTIFICATE

OF ACHIEVEMENT

This certificate is presented to

AMIJUL MONDAL

for successfully completing a Course about

Building an Ember js App

Certified No.

3533372237

mindluster

Signature



2023-06-22

Date

CERTIFICATE NO. J09MM8PG

ISSUE ON. 01st May 2023

Digital Forensics Fundamentals

THIS IS TO CERTIFY THAT

Subhashi Gupta

Has effectively finished one of the necessities and criteria for this course through examination administered by Virtual Cyber Labs Academy.



SIGNATURE

SIGNATURE





Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SUPRIYO SARKAR
for successfully completing the course

Deep Learning

with a consolidated score of **60** %

Online Assignments	23/25	Proctored Exam	37/75
--------------------	-------	----------------	-------

Total number of candidates certified in this course: **1474**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,
Centre for Outreach and Digital Education, IITM

Jul-Oct 2022

(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj

NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



स्वायत्त भारत, उन्नत भारत

Roll No: NPTEL22CS124S63271366

To validate the certificate



No. of credits recommended: 3 or 4



Certificate no: UC-156f94a0-7059-449d-b9e1-3a0261aa0bbe
Certificate url: ude.my/UC-156f94a0-7059-449d-b9e1-3a0261aa0bbe
Reference Number: 0004

CERTIFICATE OF COMPLETION

Python And Flask Framework Complete Course

Instructors **Horizon Tech**

Jayita Paul

Date **May 11, 2023**

Length **12 total hours**



Certificate no: UC-8a6b89e3-ecf6-4f75-8772-bea1acee07bb
Certificate url: ude.my/UC-8a6b89e3-ecf6-4f75-8772-bea1acee07bb
Reference Number: 0004

CERTIFICATE OF COMPLETION

The Complete Sales Skills Master Class - Sales Marketing B2B

Instructors **TJ Walker, Bob Berkowitz, Media Training Worldwide Digital**

Jayita Paul

Date **May 7, 2023**

Length **30.5 total hours**



Certificate no: UC-168f12f1-dcca-4162-af22-642c280b9da1

Certificate url: ude.my/UC-168f12f1-dcca-4162-af22-642c280b9da1

Reference Number: 0004

CERTIFICATE OF COMPLETION

Practical Cisco Networking Labs in Cisco Packet Tracer

Instructors **Cyber Quince**

Niladri Biswas

Date **March 22, 2023**

Length **12 total hours**



Declaration of Completion

Sahil Singh

has successfully completed the online course:

Programming with Python 3.X

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

01st Apr 2023



Krishna Kumar
CEO



Certificate



We certify that **Sayan Ghosh**
has completed the following courses on our platform:

Python by Traversy Media

01 hours 11 minutes - From 05/03/2023 to 05/03/2023

Adrian Medeiros Dantas
Executive Director - Cursa

Student Signature
Sayan Ghosh

c2130-2238317

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: contato@cursa.app



Point the camera to
verify authenticity



Certificate no: UC-08e79f64-19c4-4ee9-86f0-0649fce971be

Certificate url: ude.my/UC-08e79f64-19c4-4ee9-86f0-0649fce971be

Reference Number: 0004

CERTIFICATE OF COMPLETION

Python And Flask Framework Complete Course For Beginners

Instructors **Horizon Tech**

Niladri Biswas

Date **March 8, 2023**

Length **12.5 total hours**



Certificate no: UC-820a9629-9439-460e-874e-b7077d90654d

Certificate url: ude.my/UC-820a9629-9439-460e-874e-b7077d90654d

Reference Number: 0004

CERTIFICATE OF COMPLETION

Python And Flask Framework Complete Course

Instructors **Horizon Tech**

Niladri Biswas

Date **March 8, 2023**

Length **12 total hours**



5 Courses

The Data Scientist's Toolbox
R Programming
Getting and Cleaning Data
Exploratory Data Analysis
Reproducible Research



May 21, 2023

Subhrajyoti Sardar

has successfully completed the online, non-credit Specialization

Data Science: Foundations using R

The Data Science Specialization covers foundational concepts and tools for the data science pipeline. Successful participants learn how to use the tools of the trade, think analytically about complex problems, manage large data sets, create visualizations, and publish reproducible analyses. This certificate does not confer academic credit toward a degree or official status at the Johns Hopkins University.

Jeff Leek, PhD; Roger Peng, PhD; Brian Caffo, PhD
Department of Biostatistics
Johns Hopkins
Bloomberg School of Public Health

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:
<https://coursera.org/verify/specialization/74ECSJVEXFV3>

This certifies that

Ritwik Chatterjee

has successfully completed the freeCodeCamp.org

Responsive Web Design

Developer Certification, representing approximately 300 hours of
coursework.



Quincy Larson

Executive Director, freeCodeCamp.org

Verify this certification at <https://freecodecamp.org/certification/fcc4243d92f-663b-4943-9cb4-b7dbcef83b83/responsive-web-design>

This certifies that

SK MD ASHIF

has successfully completed the freeCodeCamp.org

Data Visualization

Developer Certification, representing approximately 300 hours of
coursework.



Quincy Larson

Executive Director, freeCodeCamp.org



This certifies that

SK MD ASHIF

has successfully completed the freeCodeCamp.org

Scientific Computing with Python

Developer Certification, representing approximately 300 hours of
coursework.



Quincy Larson

Executive Director, freeCodeCamp.org





NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
RAUNAK CHAKRABARTI
for successfully completing the course

Digital System Design

with a consolidated score of **49** %

Online Assignments	18.25/25	Proctored Exam	30.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **392**

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj

NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



स्वच्छिणत ढारत, उन्नत ढारत

Roll No: NPTEL23EE29S33870064

To validate the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SHIBIKA ROY

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **73** %

Online Assignments	22.25/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **14770**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS51S63961449

To validate the certificate



No. of credits recommended: 3 or 4



Certificate no: UC-47afe8c7-1669-4a9e-b948-9a6f8d16433f

Certificate url: ude.my/UC-47afe8c7-1669-4a9e-b948-9a6f8d16433f

Reference Number: 0004

CERTIFICATE OF COMPLETION

Software architecture

Instructors **ANDRII SVIATOBATKO, Andrii Piatakha**

Niladri Biswas

Date **March 17, 2023**

Length **8.5 total hours**



Certificate no: UC-8562986b-9af8-4a33-8291-de97489ee6ef

Certificate url: ude.my/UC-8562986b-9af8-4a33-8291-de97489ee6ef

Reference Number: 0004

CERTIFICATE OF COMPLETION

Improving software development productivity

Instructors **ANDRII SVIATOBATKO, Andrii Piatakha**

Biswanath manna

Date **July 20, 2023**

Length **5 total hours**



Feb 14, 2023

NILADRI BISWAS

has successfully completed

Introduction to Cloud Computing

an online non-credit course authorized by IBM Skills Network and offered through
Coursera

Rav Ahuja
Global Program Director,
Skills Network

**COURSE
CERTIFICATE**



Verify at:
<https://coursera.org/verify/EAWC6AE3UKC6>

Coursera has confirmed the identity of this individual and their
participation in the course.



Jan 22, 2023

NILADRI BISWAS

has successfully completed

Introduction to DevOps

an online non-credit course authorized by IBM Skills Network and offered through
Coursera

John J. Rofrano
Senior Technical Staff Member and DevOps Champion
IBM T.J. Watson Research Center

**COURSE
CERTIFICATE**



Verify at:
<https://coursera.org/verify/JWPQES5UB4QG>

Coursera has confirmed the identity of this individual and their
participation in the course.



Certificate

We certify that **AADRISH DEY**
has completed the following courses on our platform:



Supply chain management by MIT

12 hours 07 minutes - From 05/03/2023 to 05/03/2023

Adrián Medeiros Dantas
Executive Director - Cursa

Student Signature
AADRISH DEY

c1279-1356755

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: contato@cursa.app



Point the camera to
verify authenticity

UCI University of
California, Irvine

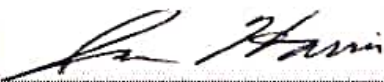
May 6, 2023

TARUN DAS

has successfully completed

**Introduction to the Internet of Things and
Embedded Systems**

an online non-credit course authorized by University of California, Irvine and offered
through Coursera



Ian Hanna
Professor
Department of Computer Science

**COURSE
CERTIFICATE**



Coursera has confirmed the identity of this individual and their
participation in the course.



Jul 17, 2023

JAUR RAHMAN

has successfully completed

Tools for Data Science

an online non-credit course authorized by IBM and offered through Coursera

Maureen McElaney
Romeo Kienzler
Svetlana Levitan

**COURSE
CERTIFICATE**



Verify at:
<https://coursera.org/verify/C24XVD3TLWUV>

Coursera has confirmed the identity of this individual and their participation in the course.



南京大學

NANJING UNIVERSITY

13 Jan, 2023

NAURIN SULTANA

has successfully completed

Data Processing Using Python

an online non-credit course authorized by Nanjing University and offered through
Coursera

ZHANG Li

Zhang Li
associate professor
Department of Computer Science

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/Z297YM63C8KB>

Coursera has confirmed the identity of this individual and their
participation in the course.



Certificate no: UC-8098aacc-b4e8-476b-af88-aa31ab4d7121

Certificate url: ude.my/UC-8098aacc-b4e8-476b-af88-aa31ab4d7121

Reference Number: 0004

CERTIFICATE OF COMPLETION

Data Structures and OOP with C++ | CS104, CS105 Masterclass

Instructors **OCSALY Academy** | 180.000+ Students

Niladri Biswas

Date **March 23, 2023**

Length **8.5 total hours**

Certificate of Specialization

HABU GIRI

has successfully completed the three months specialization in

Digital Marketing

with an aggregate score of 79%.

This specialization is a rigorous, in-depth and hands-on learning program consisting of 6 courses and 12 projects designed to prepare the learner for a career in digital marketing. HABU was assessed at regular intervals throughout the program. He demonstrated the required discipline, rigour, intellect and skills to graduate from the program and earn this certificate.



Sarvesh Agarwal
FOUNDER & CEO, INTERNSHALA



Amitabh Verma
FOUNDER, AMP DIGITAL

Issued on: 2022-12-21

Certificate no. : c6j00v01mat

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate



Key Skills

Google Analytics

Blogging

Content Marketing

Email Marketing

Inbound Marketing

Search Engine
Optimisation

Search Engine Marketing

Online Advertising

Display Advertising

Social Media Marketing



Apr 23, 2023

SOUGATA MANDAL

has successfully completed

Advanced Practice Provider/Physician Assistant: Opioid Use Disorder Medication Assisted Treatment Waiver Training (24hr)

an online non-credit course authorized by University of Virginia and offered through Coursera

Jann S. Balmer Ait - Daoud M

Jann Balmer PhD, RN
Director of Continuing Medical Education
School of Medicine
University of Virginia

Nassima Ait-Daoud Tiourine, MD
Professor
University of Virginia

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/WYCMY9GASLMK>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-058a2451-8da5-4aa7-9ae1-8b963490dd4e

Certificate url: ude.my/UC-058a2451-8da5-4aa7-9ae1-8b963490dd4e

Reference Number: 0004

CERTIFICATE OF COMPLETION

Complete Ethical Hacking Bootcamp 2023: Zero to Mastery

Instructors **Andrei Neagoie, Aleksa Tamburkovski, Zero To Mastery**

Santanu Mondal

Date **Nov. 3, 2022**

Length **28.5 total hours**



Certificate

We certify that **Aadrish Dey**
has completed the following courses on our platform:



Excel basic to advanced by Trump Excel

12 hours 34 minutes - From 06/03/2023 to 06/03/2023

Adrian Medeiros Dantas
Executive Director - Cursa

Student Signature
Aadrish Dey

c1092-1356755



Point the camera to
verify authenticity

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: contato@cursa.app



Certificate



We certify that Sayan Ghosh
has completed the following courses on our platform:

Mechanical - Fluid Mechanics by nptelhrd

41 hours 56 minutes - From 05/03/2023 to 05/03/2023

Adrian Medeiros Dantas
Executive Director - Cursa

Student Signature
Sayan Ghosh

c474-2238317

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.



This certifies that

Ritwik Chatterjee

has successfully completed the freeCodeCamp.org

Front End Development Libraries

Developer Certification, representing approximately 300 hours of
coursework.



Quincy Larson

Executive Director, freeCodeCamp.org





Mar 4, 2023

NILADRI BISWAS

has successfully completed

Getting Started with Git and GitHub

an online non-credit course authorized by IBM Skills Network and offered through
Coursera

Upkar Lidder
Senior Software Engineer
IBM

Rav Ahuja
Global Program Director,
Skills Network

**COURSE
CERTIFICATE**



Verify at:

<https://coursera.org/verify/5GHDD2W8TKL3>

Coursera has confirmed the identity of this individual and their
participation in the course.

Google Digital Garage

Ankan Dey

is hereby awarded this certificate of achievement for the successful
completion of **The Fundamentals of Digital Marketing** certification exam
on 17/07/2022

Matt Britz

President – Google EMEA



Townsend Pamela Feehan

CEO – IAB Europe



Certificate no: UC-85d5b395-d5ce-4f57-ae87-6b1100f45b01

Certificate url: ude.my/UC-85d5b395-d5ce-4f57-ae87-6b1100f45b01

Reference Number: 0004

CERTIFICATE OF COMPLETION

Google Ads, YouTube Ads, Bing Ads & Google Retargeting Guide

Instructors **Ing. Tomas Moravek, Hazel Owens, SEO, Facebook Ads & Digital Marketing Academy**

Harshit Kumar Mishra

Date **March 13, 2023**

Length **12 total hours**



Mar 3, 2023

NILADRI BISWAS

has successfully completed

Hands-on Introduction to Linux Commands and Shell Scripting

an online non-credit course authorized by IBM and offered through Coursera

Rav Ahuja, Ramesh Sannareddy, Sam Prokopchuk
IBM Skills Network

**COURSE
CERTIFICATE**



Verify at:
<https://coursera.org/verify/8JG52AGPN7ED>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-10314629-131f-4277-bf71-658565d09d5f

Certificate url: ude.my/UC-10314629-131f-4277-bf71-658565d09d5f

Reference Number: 0004

CERTIFICATE OF COMPLETION

Become a Web Designer - HTML & CSS for Beginners

Instructors **Chandrasekaran Janardhanan**

Harshit Kumar Mishra

Date **July 10, 2022**

Length **8 total hours**



Feb 10, 2023

NILADRI BISWAS

has successfully completed with honors

Introduction to Agile Development and Scrum

an online non-credit course authorized by IBM Skills Network and offered through
Coursera

John J. Rofrano
Senior Technical Staff Member and DevOps Champion
IBM T.J. Watson Research Center

**COURSE
CERTIFICATE**

WITH HONORS



Verify at:

<https://coursera.org/verify/9ZWMVYHA9ELQ>

Coursera has confirmed the identity of this individual and their participation in the course.



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
ANANYA HAZRA
for successfully completing the course

Multivariable Calculus

with a consolidated score of **42** %

Online Assignments	10/25	Proctored Exam	32.25/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **125**

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Mar 2023
(8 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL23MA09S34930152

To validate the certificate



No. of credits recommended: 2 or 3



5 Courses

Statistical Inference

Regression Models

Practical Machine Learning

Developing Data Products

Data Science Capstone



May 12, 2023

Subhrajyoti Sardar

has successfully completed the online, non-credit Specialization

Data Science: Statistics and Machine Learning

The Data Science Specialization covers the concepts and tools for an entire data science pipeline. Successful participants learn how to use the tools of the trade, think analytically about complex problems, manage large data sets, deploy statistical principles, create visualizations, build and evaluate machine learning algorithms, publish reproducible analyses, and develop data products. This certificate does not confer academic credit toward a degree or official status at the Johns Hopkins University.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Jeff Leek, PhD; Roger Peng, PhD; Brian Caffo, PhD

Department of Biostatistics
Johns Hopkins
Bloomberg School of Public Health

Verify this certificate at:

<https://coursera.org/verify/specialization/T4MPT2LQMMAK>



5 Courses

The Data Scientist's Toolbox
R Programming
Getting and Cleaning Data
Exploratory Data Analysis
Reproducible Research



May 21, 2023

Subhrajyoti Sardar

has successfully completed the online, non-credit Specialization

Data Science: Foundations using R

The Data Science Specialization covers foundational concepts and tools for the data science pipeline. Successful participants learn how to use the tools of the trade, think analytically about complex problems, manage large data sets, create visualizations, and publish reproducible analyses. This certificate does not confer academic credit toward a degree or official status at the Johns Hopkins University.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Jeff Leek, PhD; Roger Peng, PhD; Brian Caffo, PhD

Department of Biostatistics
Johns Hopkins
Bloomberg School of Public Health

Verify this certificate at:

<https://coursera.org/verify/specialization/74ECSJEXFV3>



南京大學

NANJING UNIVERSITY

Jul 20, 2023

Avijit Roy

has successfully completed

Data Processing Using Python

an online non-credit course authorized by Nanjing University and offered through Coursera

ZHANG Li

Zhang Li
associate professor
Department of Computer Science

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/5UZKY3FBADV>

Coursera has confirmed the identity of this individual and their participation in the course.



4 Courses

**Machine Learning
Foundations: A Case Study
Approach**

**Machine Learning:
Regression**

**Machine Learning:
Classification**

**Machine Learning:
Clustering & Retrieval**



Mar 24, 2023

Md Kaif Mullick

has successfully completed the online, non-credit Specialization

Machine Learning

Congratulations! This Certificate establishes that you have demonstrated proficiency in the exciting, high-demand field of Machine Learning through rigorous online coursework from leading Machine Learning researchers at the University of Washington. Through a series of practical case studies, you gained applied experience in major areas of Machine Learning including Prediction, Classification, Clustering, and Information Retrieval. You learned to analyze large and complex datasets, create systems that adapt and improve over time, and build intelligent applications that can make predictions from data. Take pride in your accomplishment and welcome to the global Machine Learning community!

Emily Fox, Amazon
Professor of Machine
Learning, Statistics
Carlos Guestrin,
Amazon Professor of
Machine Learning,
Computer Science and
Engineering

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:

<https://coursera.org/verify/specialization/49RN3J96WUUN>



Certificate Of Completion

is awarded to

SAYED TOUSIF ALAM

for successfully completing the training on

Data Structures in JAVA

conducted from October 2022 to February 2023

A handwritten signature in black ink that reads 'Parikh Jain'.

Parikh Jain
Mentor / Instructor



A handwritten signature in black ink that reads 'Manisha Khattar'.

Manisha Khattar
Mentor / Instructor

certificate.codingninjas.com/verify/48d0bbe8d779b80



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SANDIP GHOSH

for successfully completing the course

Computer Networks and Internet Protocol

with a consolidated score of **60** %

Online Assignments	21.56/25	Proctored Exam	38.27/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **3082**

Jan-Apr 2023

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS48S43961320

To validate the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
ANKITA KARMAKAR
for successfully completing the course

Computer Networks and Internet Protocol

with a consolidated score of **53** %

Online Assignments	22.56/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **3082**

Jan-Apr 2023
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS48S33960706

To validate the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
DEBAPRIYO SAHA
for successfully completing the course

Non-conventional Energy Resources

with a consolidated score of **65** %

Online Assignments	25/25	Proctored Exam	39.75/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **717**

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2023
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23GE04S53960165

To validate the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
RAUNAK CHAKRABARTI
for successfully completing the course

Digital System Design

with a consolidated score of **49** %

Online Assignments	18.25/25	Proctored Exam	30.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **392**

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2023
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23EE29S33870064

To validate the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
RAUNAK CHAKRABARTI
for successfully completing the course

Digital System Design

with a consolidated score of **49** %

Online Assignments	18.25/25	Proctored Exam	30.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **392**

Prof. Devendra Jalihal

Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

Prof. Andrew Thangaraj

NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23EE29S33870064

To validate the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SAYAN ROY
for successfully completing the course

Computer Networks and Internet Protocol

with a consolidated score of **56** %

Online Assignments	22.56/25	Proctored Exam	33.68/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **3082**

Jan-Apr 2023
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS48S43961265

To validate the certificate



No. of credits recommended: 3 or 4

CERTIFICATE NO. J09MM8PG

ISSUE ON. 01st May 2023

Digital Forensics Fundamentals

THIS IS TO CERTIFY THAT

Subhashi Gupta

Has effectively finished one of the necessities and criteria for this course through examination administered by Virtual Cyber Labs Academy.



A handwritten signature in blue ink, appearing to read 'Subhashi Gupta'.

SIGNATURE

A handwritten signature in blue ink, appearing to read 'Jyoti Hakkari'.

SIGNATURE





Certificate no: UC-1e3c29d3-85ab-486d-a99b-ca1558719631
Certificate url: udemy.com/certificate/UC-1e3c29d3-85ab-486d-a99b-ca1558719631
Reference Number: 0004

CERTIFICATE OF COMPLETION

Whiteboard Video Creation with VideoScribe (2022 Edition)

Instructors **Srinidhi Ranganathan**

Ankan Dey

Date **July 21, 2022**

Length **1 total hour**



Certificate no: UC-8a6b89e3-ecf6-4f75-8772-bea1acee07bb
Certificate url: udemy.com/certificate/UC-8a6b89e3-ecf6-4f75-8772-bea1acee07bb
Reference Number: 0004

CERTIFICATE OF COMPLETION

The Complete Sales Skills Master Class - Sales Marketing B2B

Instructors **TJ Walker, Bob Berkowitz, Media Training Worldwide Digital**

Jayita Paul

Date **May 7, 2023**

Length **30.5 total hours**



Certificate no: UC-156f94a0-7059-449d-b9e1-3a0261aa0bbe
Certificate url: [ude.my/UC-156f94a0-7059-449d-b9e1-3a0261aa0bbe](https://udemy.com/certificate/UC-156f94a0-7059-449d-b9e1-3a0261aa0bbe)
Reference Number: 0004

CERTIFICATE OF COMPLETION

Python And Flask Framework Complete Course

Instructors **Horizon Tech**

Jayita Paul

Date **May 11, 2023**

Length **12 total hours**



Declaration of Completion

Rituraj Dutta

has successfully completed the online course:

Machine Learning

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

28th Mar 2023



Krishna Kumar
CEO



Declaration of Completion

Sahil Singh

has successfully completed the online course:

Machine Learning

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

28th Mar 2023



Krishna Kumar
CEO



Declaration of Completion

Sahil Singh

has successfully completed the online course:

Introduction to Cyber Security

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

29th Mar 2023



Krishna Kumar
CEO



Declaration of Completion

Sahil Singh

has successfully completed the online course:

Programming with Python 3.X

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

01st Apr 2023



Krishna Kumar
CEO



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SOURAV BASU
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **60** %

Online Assignments	18.06/25	Proctored Exam	42/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **14770**

Jan-Apr 2023
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS51S53960643

To validate the certificate



No. of credits recommended: 3 or 4



5 Courses

The Data Scientist's Toolbox
R Programming
Getting and Cleaning Data
Exploratory Data Analysis
Reproducible Research



Mar 23, 2023

Biswajit Kar

has successfully completed the online, non-credit Specialization

Data Science: Foundations using R

The Data Science Specialization covers foundational concepts and tools for the data science pipeline. Successful participants learn how to use the tools of the trade, think analytically about complex problems, manage large data sets, create visualizations, and publish reproducible analyses. This certificate does not confer academic credit toward a degree or official status at the Johns Hopkins University.

Jeff Leek, PhD; Roger Peng, PhD; Brian Caffo, PhD
Department of Biostatistics
Johns Hopkins Bloomberg School of Public Health

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:

<https://coursera.org/verify/specialization/X8DJGQCLA4J3>



Certificate no: UC-30c8815f-8426-4140-90b2-bfa5500d2c58

Certificate url: ude.my/UC-30c8815f-8426-4140-90b2-bfa5500d2c58

Reference Number: 0004

CERTIFICATE OF COMPLETION

C++ And Java Training Crash Course 2022

Instructors **Krish valley**

Diptendu Das

Date **April 13, 2023**

Length **1.5 total hours**



Certificate no: UC-617ba28c-d1f5-4d92-9bdd-59482399c210

Certificate url: ude.my/UC-617ba28c-d1f5-4d92-9bdd-59482399c210

Reference Number: 0004

CERTIFICATE OF COMPLETION

Master Python: Beginner to Pro with Hands-on Coding Tasks

Instructors **Vitalii Shumylo**

Diptendu Das

Date **April 13, 2023**

Length **7 total hours**

Certificate of Training

Elova Ghosh

has successfully completed an 8-week online training on **Web Development**. The training consisted of HTML, CSS, Bootstrap, DBMS, PHP, JS, React, and Final Project modules.

In the final assessment, Elova scored 38% marks.

We wish Elova all the best for future endeavours.



Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2022-11-27

Certificate no. : adt51b726om

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
AYAN SARKAR
for successfully completing the course

Cloud Computing

with a consolidated score of **55** %

Online Assignments	24.91/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **11454**

Jan-Apr 2023
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS42S63961260

To validate the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SASWATA HALDER
for successfully completing the course

Non-conventional Energy Resources

with a consolidated score of **55** %

Online Assignments	25/25	Proctored Exam	30/75
--------------------	-------	----------------	-------

Total number of candidates certified in this course: **717**

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2023
(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23GE04553960848

To validate the certificate



No. of credits recommended: 3 or 4



Certificate no: UC-2f6c0fc4-80fd-4c7a-8e65-664320597956

Certificate url: ude.my/UC-2f6c0fc4-80fd-4c7a-8e65-664320597956

Reference Number: 0004

CERTIFICATE OF COMPLETION

Crash Course Blockchain: Hands-On Javascript™

Instructors **Hardware Academy**

Rahul Oraon

Date **April 6, 2023**

Length **8.5 total hours**



Certificate no: UC-40d27a79-7ef5-4292-a162-e545f47b5ce7

Certificate url: ude.my/UC-40d27a79-7ef5-4292-a162-e545f47b5ce7

Reference Number: 0004

CERTIFICATE OF COMPLETION

Live Longer & Reclaim Your Youth Using New Longevity Tech!

Instructors **Will Perez**

Rahul Oraon

Date **May 5, 2023**

Length **16.5 total hours**



Certificate no: UC-d6ca2aa3-ea63-4753-81d6-5cdfc47e5769

Certificate url: ude.my/UC-d6ca2aa3-ea63-4753-81d6-5cdfc47e5769

Reference Number: 0004

CERTIFICATE OF COMPLETION

Best of SEO: #1 SEO Training & Content Marketing Course 2023

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

Rahul Oraon

Date **April 6, 2023**

Length **46.5 total hours**



Certificate no: UC-6f234c98-0911-40ac-8e75-02e3a27af98f

Certificate url: ude.my/UC-6f234c98-0911-40ac-8e75-02e3a27af98f

Reference Number: 0004

CERTIFICATE OF COMPLETION

DaVinci Resolve 2023: Beginner to Advanced in DaVinci 18

Instructors **Marius Manola**

Rahul Oraon

Date **May 5, 2023**

Length **10 total hours**

CERTIFICATE

OF COMPLETION

Verified
Certificate

This is to certify that

RAHUL ORAON

has successfully completed

A2Z Of Finance

an online course authorized by Elearnmarkets.

Completion Date: 4th January, 2023 | Certificate No: ELM-170425

 **elearnmarkets**
Simplifying Finance for Everyone

Verify at elearnmarkets.com/verify-certificate



Authorised Signatory
Vivek Bajaj, Director
Kredent InfoEdge Private Limited



Certificate no: UC-39a35c6e-1e27-4d46-8864-ac63da7f884f

Certificate url: ude.my/UC-39a35c6e-1e27-4d46-8864-ac63da7f884f

Reference Number: 0004

CERTIFICATE OF COMPLETION

HTML & CSS - Certification Course for Beginners

Instructors **YouAccel Training**

RIKTAM BAGHIRA

Date **March 24, 2023**

Length **4 total hours**



Aug 28, 2022

Rupsha Mitra

has successfully completed

Foundations of Digital Marketing and E-commerce

an online non-credit course authorized by Google and offered through Coursera

Amanda Brophy
Global Director of Google Career Certificates

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/HT7HQHM4WKVM>

Coursera has confirmed the identity of this individual and their participation in the course.



5 Courses

The Data Scientist's Toolbox
R Programming
Getting and Cleaning Data
Exploratory Data Analysis
Reproducible Research



May 7, 2023

Sanket Dey

has successfully completed the online, non-credit Specialization

Data Science: Foundations using R

The Data Science Specialization covers foundational concepts and tools for the data science pipeline. Successful participants learn how to use the tools of the trade, think analytically about complex problems, manage large data sets, create visualizations, and publish reproducible analyses. This certificate does not confer academic credit toward a degree or official status at the Johns Hopkins University.

Jeff Leek, PhD; Roger Peng, PhD; Brian Caffo, PhD
Department of Biostatistics
Johns Hopkins Bloomberg School of Public Health

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:

<https://coursera.org/verify/specialization/YDTSXRLMN2XT>



Certificate no: UC-9d919a37-56d5-4e42-ae88-b8a2d4d6a9c2
Certificate url: ude.my/UC-9d919a37-56d5-4e42-ae88-b8a2d4d6a9c2
Reference Number: 0004

CERTIFICATE OF COMPLETION

OSINT: Content Discovery

Instructors **Peter A**

Shekhar Roy

Date **May 2, 2023**

Length **40 total mins**

DECLARATION OF COMPLETION

SHREYASI DEB

has successfully completed the online course:

Introduction to Six Sigma

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

10th May 2023

Certificate code : 4320351



Krishna Kumar
CEO, Simplilearn





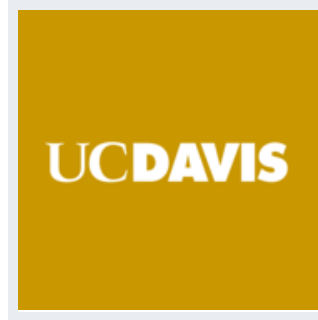
4 Courses

JavaScript Basics

Animation with JavaScript
and jQuery

Interactivity with JavaScript
and jQuery

Data Manipulation in
JavaScript



Apr 9, 2023

Sudeb Paul

has successfully completed the online, non-credit Specialization

JavaScript for Beginners

In this Specialization, learners developed and practiced foundational programming skills using JavaScript. This four-course Specialization covers the basics of the JavaScript language and introduced learners to the ways in which JavaScript can manipulate content on web pages. It focused on the popular jQuery library and explored the syntactical differences between JavaScript and jQuery. Several smaller projects were used to demonstrate how jQuery is used and how it differs from plain JavaScript. It used jQuery plugins and built on the previous knowledge by developing skills with more complex and more challenging scripts. It also focused on using data with JavaScript and looked at basic methods for handling data provided by users, or coming from an external data source.

William Mead
Instructor and Lecturer
Design Department &
Continuing and
Professional Education

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:

<https://coursera.org/verify/specialization/ABWQK3F6KZD7>

UCDAVIS

Dec 9, 2022

Sudeb Paul

has successfully completed

JavaScript Basics

an online non-credit course authorized by University of California, Davis and offered through Coursera



William Mead
Lecturer and Instructor
Design Department & the Division of Continuing and Professional Education

**COURSE
CERTIFICATE**



Verify at:
<https://coursera.org/verify/8KKJBQACKA69>

Coursera has confirmed the identity of this individual and their participation in the course.

UC DAVIS

Jan 6, 2023

Sudeb Paul

has successfully completed

Animation with JavaScript and jQuery

an online non-credit course authorized by University of California, Davis and offered through Coursera



William Mead
Lecturer and Instructor
Design Department & the Division of Continuing and Professional Education

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/ECTU2ZGX3WCV>

Coursera has confirmed the identity of this individual and their participation in the course.

UC DAVIS

Mar 16, 2023

Sudeb Paul

has successfully completed with honors

Interactivity with JavaScript and jQuery

an online non-credit course authorized by University of California, Davis and offered through Coursera



William Mead
Lecturer and Instructor
Design Department & the Division of Continuing and Professional Education

COURSE
CERTIFICATE

WITH HONORS



Verify at:
<https://coursera.org/verify/CHWQJGVCH388>

Coursera has confirmed the identity of this individual and their participation in the course.

UC DAVIS

Apr 9, 2023

Sudeb Paul

has successfully completed

Data Manipulation in JavaScript

an online non-credit course authorized by University of California, Davis and offered through Coursera



William Mead
Lecturer and Instructor
Design Department & the Division of Continuing and Professional Education

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/E6KX5YDSDWTB>

Coursera has confirmed the identity of this individual and their participation in the course.



DEEP TEACHING SOLUTIONS

Mar 13, 2023

Javed Akhtar

has successfully completed

Learning How to Learn: Powerful mental tools to help you master tough subjects

an online non-credit course authorized by Deep Teaching Solutions and offered through Coursera

Barb Oakley
Terry Sejnowski

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/CFXM6FR73K4Q>

Coursera has confirmed the identity of this individual and their participation in the course.



Apr 6, 2023

JAUR RAHMAN

has successfully completed

What is Data Science?

an online non-credit course authorized by IBM and offered through Coursera

Rav Ahuja
Global Program Director,
Skills Network

Alex Akson, Ph.D.
Data Scientist

**COURSE
CERTIFICATE**



Verify at:
<https://coursera.org/verify/AQJG6M8JVPC6>

Coursera has confirmed the identity of this individual and their participation in the course.



Apr 6, 2023

Coursera Learner

has successfully completed

What is Data Science?

an online non-credit course authorized by IBM and offered through Coursera

Rav Ahuja
Global Program Director,
Skills Network

Alex Akson, Ph.D.
Data Scientist

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/AQJG6M8JVPC6>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-9c598ce3-3414-4f49-b3d0-b2a871716f95
Certificate url: udemy.com/certificate/UC-9c598ce3-3414-4f49-b3d0-b2a871716f95
Reference Number: 0004

CERTIFICATE OF COMPLETION

Design A Complete Responsive Business Website From Scratch

Instructors **Godson Thomas**

Padamthapa

Date **Jan. 9, 2023**

Length **3.5 total hours**



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SHIBIKA ROY
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **73** %

Online Assignments	22.25/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **14770**

Jan-Apr 2023
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS51S63961449

To validate the certificate



No. of credits recommended: 3 or 4



Certificate no: UC-2426fb8b-4755-4276-828c-c37665ec224a

Certificate url: ude.my/UC-2426fb8b-4755-4276-828c-c37665ec224a

Reference Number: 0004

CERTIFICATE OF COMPLETION

HTML, CSS, React - Certification Course for Beginners

Instructors **YouAccel Training**

Javed Akhtar

Date **July 20, 2023**

Length **14.5 total hours**



Jul 17, 2023

JAUR RAHMAN

has successfully completed

Tools for Data Science

an online non-credit course authorized by IBM and offered through Coursera

Maureen McElaney
Romeo Kienzler
Svetlana Levitan

**COURSE
CERTIFICATE**



Verify at:
<https://coursera.org/verify/C24XVD3TLWUV>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-d448f18f-a60a-4737-a2fd-c0a22044a409

Certificate url: ude.my/UC-d448f18f-a60a-4737-a2fd-c0a22044a409

Reference Number: 0004

CERTIFICATE OF COMPLETION

The complete AutoCAD 2018-21 course

Instructors **Jaiprakash Pandey**

Abhijit Das

Date **April 3, 2023**

Length **18 total hours**



Certificate no: UC-21efde36-f857-4080-88e6-5570bac4990d

Certificate url: ude.my/UC-21efde36-f857-4080-88e6-5570bac4990d

Reference Number: 0004

CERTIFICATE OF COMPLETION

The Complete JavaScript Course 2023: From Zero to Expert!

Instructors **Jonas Schmedtmann**

Abhishek Basu

Date **13 Apr 2023**

Length **69 total hours**



Certificate no: UC-ab8c01ad-ae5b-423a-a94a-977b2869d9fd

Certificate url: ude.my/UC-ab8c01ad-ae5b-423a-a94a-977b2869d9fd

Reference Number: 0004

CERTIFICATE OF COMPLETION

The Complete 2023 Web Development Bootcamp

Instructors **Dr. Angela Yu**

Anirban Ghosh

Date **May 14, 2023**

Length **65.5 total hours**



Certificate no: UC-e85be886-43a5-4f2c-831d-ec15657c974a

Certificate url: ude.my/UC-e85be886-43a5-4f2c-831d-ec15657c974a

Reference Number: 0004

CERTIFICATE OF COMPLETION

The Complete 2023 Web Development Bootcamp

Instructors **Dr. Angela Yu**

Ankan Laha

Date **May 9, 2023**

Length **65.5 total hours**



Certificate no: UC-85d5b395-d5ce-4f57-ae87-6b1100f45b01

Certificate url: ude.my/UC-85d5b395-d5ce-4f57-ae87-6b1100f45b01

Reference Number: 0004

CERTIFICATE OF COMPLETION

Google Ads, YouTube Ads, Bing Ads & Google Retargeting Guide

Instructors **Ing. Tomas Moravek, Hazel Owens, SEO, Facebook Ads & Digital Marketing Academy**

Harshit Kumar Mishra

Date **March 13, 2023**

Length **12 total hours**



Certificate no: UC-1d7f3d69-ac1b-4b72-a9d1-cfadded3c101

Certificate url: ude.my/UC-1d7f3d69-ac1b-4b72-a9d1-cfadded3c101

Reference Number: 0004

CERTIFICATE OF COMPLETION

Javascript For Beginners Complete Course

Instructors **PROPER DOT INSTITUTE**

Kazi Hannan Ali

Date **March 18, 2023**

Length **2 total hours**



Certificate no: UC-1b70f2ab-915e-4b51-b682-67e5bc84d210

Certificate url: ude.my/UC-1b70f2ab-915e-4b51-b682-67e5bc84d210

Reference Number: 0004

CERTIFICATE OF COMPLETION

Unity Multiplayer Blockchain Game Course

Instructors **Morgan Page**

Kazi Hannan Ali

Date **March 18, 2023**

Length **9.5 total hours**



Certificate no: UC-f83bc598-4611-483b-9249-b19ad0b2f88e

Certificate url: ude.my/UC-f83bc598-4611-483b-9249-b19ad0b2f88e

Reference Number: 0004

CERTIFICATE OF COMPLETION

HTML & CSS - Certification Course for Beginners

Instructors **Kiran Gavali**

Kazi Hannan Ali

Date **March 18, 2023**

Length **4.5 total hours**



Certificate no: UC-bd913e15-6468-4eae-893a-8e421910e948

Certificate url: ude.my/UC-bd913e15-6468-4eae-893a-8e421910e948

Reference Number: 0004

CERTIFICATE OF COMPLETION

C Programming Bootcamp - The Complete C Language Course

Instructors **Vlad Budnitski**

Manjeet Jha

Date **Jan. 13, 2023**

Length **44.5 total hours**



Certificate no: UC-d99edeff-a46b-4a3e-b843-4579ebd95066

Certificate url: ude.my/UC-d99edeff-a46b-4a3e-b843-4579ebd95066

Reference Number: 0004

CERTIFICATE OF COMPLETION

The Complete 2023 Web Development Bootcamp

Instructors **Dr. Angela Yu**

Prince Kumar Prasad

Date **May 12, 2023**

Length **65.5 total hours**



Apr 10, 2023

RAJDEEP DUTTA

has successfully completed with honors

**Java Programming: Solving Problems with
Software**

an online non-credit course authorized by Duke University and offered through Coursera

Four handwritten signatures in black ink, arranged horizontally from left to right.

Susan H. Rodgers, Owen Astrachan, Andrew D. Hilton, Robert Duvall

**COURSE
CERTIFICATE**

WITH HONORS



Verify at:

<https://coursera.org/verify/QZERST6CWC>

Coursera has confirmed the identity of this individual and their participation in the course.




Certificate

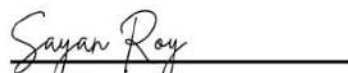
We certify that **Sayan Roy**
has completed the following courses on our platform:



Mechanical - Fluid Mechanics by nptelhrd

41 hours 56 minutes


Adrián Medeiros Dantas
Executive Director - Cursa


Student Signature
Sayan Roy

c474-2404365

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: contato@cursa.app



Point the camera to
verify authenticity



Certificate

We certify that **AADRISH DEY**
has completed the following courses on our platform:



Python by Thenevboston

06 hours 14 minutes - From 06/03/2023 to 06/03/2023

Adrian Medeiros Dantas
Executive Director - Cursa

Student Signature
AADRISH DEY

c382-1356755



Point the camera to
verify authenticity

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: contato@cursa.app



Certificate

We certify that **Aadrish Dey**
has completed the following courses on our platform:



Arduino complete tutorials with Paul McWhorter

32 hours 11 minutes - From 05/05/2023 to 05/05/2023

Adrian Medeiros Dantas
Executive Director - Cursa

Student Signature
Aadrish Dey

c2321-1356755



Point the camera to
verify authenticity

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: contato@cursa.app

CERTIFICATE OF COMPLETION

Essential



IN : Course on AutoCAD Essential

AWARDED TO : RAMIZ TAASEEN

AT : CADD Centre Training Services, Kolkata, Ultadanga

DURING : 17/06/22 - 31/08/22 STUDENT ID NO.: ES220696456

MANAGING DIRECTOR

KAKALI BANERJEE

CENTRE HEAD

14 - 09 - 2022

DATE OF ISSUE

Please verify the certificate at <http://www.caddcentre.com/caddVerification.php>

CADD Centre training is available through a wide network of training centres. The courses offered are comprehensive and of high quality. The participants are trained by well experienced instructors in the latest technology.
CADD Centre and CADD Centre logo are registered trademarks of CADD Centre Training Services Private Limited.



Scan and verify your Certificate

Corporate Office : 1st Floor, K.R. Ahamed Sha Office Complex,
No. 25, Dr. Radhakrishnan Salai, Mylapore, Chennai - 600 004, India

www.caddcentre.com



An ISO 9001 - 2015 Certified Company



Certificate

We certify that **Aadrish Dey**
has completed the following courses on our platform:



AutoCAD for beginners by CAD CAM Tutorials

12 hours 23 minutes - From 05/03/2023 to 05/03/2023

Adrian Medeiros Dantas
Executive Director - Cursa

Student Signature
Aadrish Dey

c1271-1356755



Point the camera to
verify authenticity

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: contato@cursa.app



Certificate no: UC-951420a2-7710-4960-930c-14081ad1e437

Certificate url: ude.my/UC-951420a2-7710-4960-930c-14081ad1e437

Reference Number: 0004

CERTIFICATE OF COMPLETION

AWS Services for Solutions Architect Associate [2023]

Instructors **EdYoda Digital University, Ashish Pandey**

Niladri Biswas

Date **March 22, 2023**

Length **11 total hours**



Certificate no: UC-c9ed2bbd-c449-4b09-b10b-23ddc77437fb

Certificate url: ude.my/UC-c9ed2bbd-c449-4b09-b10b-23ddc77437fb

Reference Number: 0004

CERTIFICATE OF COMPLETION

C++ Code Like you are in MATRIX | Mastering C++ in 12 Hours

Instructors **OCSALY Academy | 180.000+ Students**

Niladri Biswas

Date **March 20, 2023**

Length **12 total hours**



Certificate no: UC-21efde36-f857-4080-88e6-5570bac4990d

Certificate url: ude.my/UC-21efde36-f857-4080-88e6-5570bac4990d

Reference Number: 0004

CERTIFICATE OF COMPLETION

The Complete JavaScript Course 2023: From Zero to Expert!

Instructors **Jonas Schmedtmann**

Abhishek Basu

Date **13 Apr 2023**

Length **69 total hours**



Certificate no: UC-bd5bf718-cb3d-45d5-bc7e-db7b45ae65f7
Certificate url: ude.my/UC-bd5bf718-cb3d-45d5-bc7e-db7b45ae65f7
Reference Number: 0004

CERTIFICATE OF COMPLETION

File & Folder Management Using PowerShell

Instructors **Luxmi Narayan**

Amrit Raj Guin

Date **May 12, 2023**

Length **2.5 total hours**

CERTIFICATE

OF COMPLETION

Verified
Certificate

This is to certify that

Nurulhasan Mondal

has successfully completed

A2Z Of Finance

an online course authorized by Elearnmarkets.

Completion Date: 7th January, 2023 | Certificate No: ELM-170561

 **elearnmarkets**
Simplifying Finance for Everyone



Authorised Signatory
Vivek Bajaj, Director
Kredent InfoEdge Private Limited

CERTIFICATE

OF COMPLETION

Verified
Certificate

This is to certify that

Nurulhasan Mondal

has successfully completed
Advanced Excel & Financial Calculations
an online course authorized by Elearnmarkets.

Completion Date: 7th January, 2023 | Certificate No: ELM-170583

 **elearnmarkets**
Simplifying Finance for Everyone



Authorised Signatory
Vivek Bajaj, Director
Kredent InfoEdge Private Limited



Top Performer

Certificate Of Excellence

is awarded to

AMIJUL MONDAL

for successfully completing the course

Data Structures in JAVA

conducted from November 2022 to February 2023



A handwritten signature in black ink, appearing to read 'Ankush'.

Ankush Singla
Mentor / Instructor



A handwritten signature in black ink, appearing to read 'Manisha'.

Manisha Khattar
Mentor / Instructor

certificate.codingninjas.com/verify/1d9ebb2cfe0e053e

UCI Division of Continuing Education

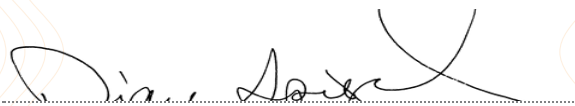
May 31, 2022

TANMOY GHOSHAL

has successfully completed

Communication in the 21st Century Workplace

an online non-credit course authorized by University of California, Irvine and offered through Coursera



Diane Spiegel,
Executive Coach

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/R2FEDVZQSTM>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate no: UC-ac867aed-c406-4462-8c64-b84280643f50

Certificate url: ude.my/UC-ac867aed-c406-4462-8c64-b84280643f50

Reference Number: 0004

CERTIFICATE OF COMPLETION

Competitive Programming Essentials, Master Algorithms 2022

Instructors **Prateek Narang, Apaar Kamal, Coding Minutes**

Niladri Biswas

Date **Aug. 5, 2022**

Length **56.5 total hours**



Certificate no: UC-fa3ff1d1-d5fe-482f-838d-5c8999985205

Certificate url: ude.my/UC-fa3ff1d1-d5fe-482f-838d-5c8999985205

Reference Number: 0004

CERTIFICATE OF COMPLETION

Complete JAVASCRIPT with HTML5, CSS3 from zero to Expert-2023

Instructors **Hemanth kumar**

Niladri Biswas

Date **May 8, 2023**

Length **17 total hours**



Certificate no: UC-7249d1d7-108e-4195-9aa6-8bc3b4eb452c

Certificate url: ude.my/UC-7249d1d7-108e-4195-9aa6-8bc3b4eb452c

Reference Number: 0004

CERTIFICATE OF COMPLETION

Complete Machine Learning with R Studio - ML for 2023

Instructors **Start-Tech Academy**

Niladri Biswas

Date **March 17, 2023**

Length **12 total hours**



Certificate no: UC-18ccef3a-b783-4359-bf1d-3363745eaa90

Certificate url: ude.my/UC-18ccef3a-b783-4359-bf1d-3363745eaa90

Reference Number: 0004

CERTIFICATE OF COMPLETION

Computer Networks Fundamentals

Instructors **Cyber Quince**

Diptendu Das

Date **May 20, 2023**

Length **4.5 total hours**



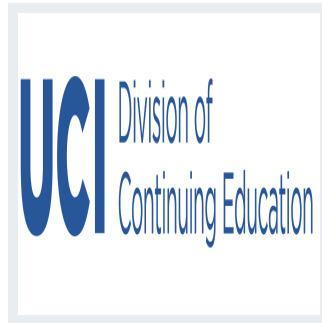
4 Courses

Types of Conflict

Conflict Resolution Skills

Intercultural
Communication and Conflict
Resolution

Conflict Management
Project



Mar 22, 2023

Ankit Shaw

has successfully completed the online, non-credit Specialization

Conflict Management

In this Specialization, learners developed and honed the essential skills needed to constructively address conflict between individuals and within organizations. A culminating Capstone Project allowed learners to integrate and apply the skills gained throughout the courses.

Najla DeBow
Instructor
University of California,
Irvine Extension

Amit Kothari
Instructor
University of California,
Irvine Extension

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:

<https://coursera.org/verify/specialization/L7SE9YJKFHUU>



5 Courses

The Data Scientist's Toolbox
R Programming
Getting and Cleaning Data
Exploratory Data Analysis
Reproducible Research



May 21, 2023

Subhrajyoti Sardar

has successfully completed the online, non-credit Specialization

Data Science: Foundations using R

The Data Science Specialization covers foundational concepts and tools for the data science pipeline. Successful participants learn how to use the tools of the trade, think analytically about complex problems, manage large data sets, create visualizations, and publish reproducible analyses. This certificate does not confer academic credit toward a degree or official status at the Johns Hopkins University.

Jeff Leek, PhD; Roger Peng, PhD; Brian Caffo, PhD
Department of Biostatistics
Johns Hopkins
Bloomberg School of Public Health

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:
<https://coursera.org/verify/specialization/74ECSJVEXFV3>



DEEP TEACHING SOLUTIONS

Mar 13, 2023

Javed Akhtar

has successfully completed

Learning How to Learn: Powerful mental tools to help you master tough subjects

an online non-credit course authorized by Deep Teaching Solutions and offered through Coursera

Barb Oakley
Terry Sejnowski

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/CFXM6FR73K4Q>

Coursera has confirmed the identity of this individual and their participation in the course.



Certificate

We certify that **Pritam Das**
has completed the following courses on our platform:



Python by Thenewboston

06 hours 11 minutes - From 05/05/2023 to 05/05/2023

Handwritten signature of Adrian Medeiros Dantas in black ink.

Adrian Medeiros Dantas
Executive Director - Cursa

Handwritten signature of Pritam Das in black ink.

Student Signature
Pritam Das

c382-2309306

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: contato@cursa.app



Point the camera to
verify authenticity



Certificate

We certify that **Pritam Das**
has completed the following courses on our platform:



HVAC Technician training by AC Service Tech LLC

23 hours 34 minutes - From 05/05/2023 to 05/05/2023

Adrian Medeiros Dantas
Executive Director - Cursa

Student Signature
Pritam Das

c1525-2309306

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: contato@cursa.app



Point the camera to
verify authenticity



Certificate

We certify that **Pritam Das**
has completed the following courses on our platform:



HVAC Technician training by AC Service Tech LLC

23 hours 34 minutes - From 05/05/2023 to 05/05/2023

Adrian Medeiros Dantas
Executive Director - Cursa

Student Signature
Pritam Das

c1525-2309306

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: contato@cursa.app



Point the camera to
verify authenticity



Certificate

We certify that Pritam Das
has completed the following courses on our platform:



Mechanical - Fluid Mechanics by nptelhrd

41 hours 56 minutes - From 25/03/2023 to 26/03/2023

Adrian Medeiros Dantas
Executive Director - Cursa

Student Signature
Pritam Das

c474-2309306

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: contato@cursa.app



Point the camera to
verify authenticity



Certificate

We certify that Pritam Das
has completed the following courses on our platform:



Web Development for beginners by LearnCode.academy

05 hours 20 minutes - From 05/05/2023 to 05/05/2023

Adrian Medeiros Dantas
Executive Director - Cursa

Student Signature
Pritam Das

c355-2309306

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: contato@cursa.app



Point the camera to
verify authenticity



Declaration of Completion

PRITAM DAS

has successfully completed the online course:

Machine Learning

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

25th Mar 2023

Certificate code : 4244946

Krishna Kumar
CEO



Declaration of Completion

PRITAM DAS

has successfully completed the online course:
Introduction to Artificial Intelligence

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

26th Mar 2023

Certificate code : 4246319

Krishna Kumar
CEO



Declaration of Completion

Amarnath Ghosh

has successfully completed the online course:

Introduction to Data Analytics

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

05th Mar 2023

Certificate code : 4204124

Krishna Kumar
CEO



Declaration of Completion

Amarnath Ghosh

has successfully completed the online course:

Introduction to Data Analytics

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

05th Mar 2023

Certificate code : 4204124

Krishna Kumar
CEO



Declaration of Completion

Amarnath Ghosh

has successfully completed the online course:

Machine Learning

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

27th Oct 2022

Certificate code : 3885486

Krishna Kumar
CEO



Declaration of Completion

Amarnath Ghosh

has successfully completed the online course:

Machine Learning

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

27th Oct 2022

Certificate code : 3885486

Krishna Kumar
CEO



5 Courses

The Data Scientist's Toolbox
R Programming
Getting and Cleaning Data
Exploratory Data Analysis
Reproducible Research



Mar 4, 2023

Atanu Nath

has successfully completed the online, non-credit Specialization

Data Science: Foundations using R

The Data Science Specialization covers foundational concepts and tools for the data science pipeline. Successful participants learn how to use the tools of the trade, think analytically about complex problems, manage large data sets, create visualizations, and publish reproducible analyses. This certificate does not confer academic credit toward a degree or official status at the Johns Hopkins University.

Jeff Leek, PhD; Roger
Peng, PhD; Brian Caffo,
PhD
Department of
Biostatistics
Johns Hopkins
Bloomberg School of
Public Health

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:

<https://coursera.org/verify/specialization/DM73992UFHKA>



Certificate no: UC-293ffaf9-4ba6-4f58-bd56-c0375e0c788e

Certificate url: ude.my/UC-293ffaf9-4ba6-4f58-bd56-c0375e0c788e

Reference Number: 0004

CERTIFICATE OF COMPLETION

CSI Sap2000 3D building design + all type of (Stairs+Tanks)

Instructors **Ahmad Traboulsi**

Bijay Gorai

Date **March 23, 2023**

Length **7 total hours**



Certificate no: UC-28e053e2-ed37-49ba-8ec8-7faafe277a0b

Certificate url: ude.my/UC-28e053e2-ed37-49ba-8ec8-7faafe277a0b

Reference Number: 0004

CERTIFICATE OF COMPLETION

The Complete Introduction into Digital Advertising: All in 1

Instructors **Ing. Tomas Moravek, SEO, Facebook Ads & Digital Marketing Academy**

Bijay Gorai

Date **March 3, 2023**

Length **24.5 total hours**



Certificate no: UC-cc7bcd8d-50e1-4a41-88a5-018377ed3669

Certificate url: ude.my/UC-cc7bcd8d-50e1-4a41-88a5-018377ed3669

Reference Number: 0004

CERTIFICATE OF COMPLETION

Digital Nomad Lifestyle: Live Your Dream & Travel the World

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Thomas Talavera Karlake, Beck Robertson**

Bijay Gorai

Date **July 2, 2022**

Length **8 total hours**



Declaration of Completion

AADRISH DEY

has successfully completed the online course:

Machine Learning

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

03rd Mar 2023

Certificate code : 4200904

Krishna Kumar
CEO



Certificate

We certify that **AADRISH DEY**
has completed the following courses on our platform:



Python by Theneuboston

06 hours 14 minutes - From 06/03/2023 to 06/03/2023

Adrian Medeiros Dantas
Executive Director - Cursa

Student Signature
AADRISH DEY

c382-1356755



Point the camera to
verify authenticity

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: contato@cursa.app



Certificate

We certify that **AADRISH DEY**
has completed the following courses on our platform:



Supply chain management by MIT

12 hours 07 minutes - From 05/03/2023 to 05/03/2023

Adrián Medeiros Dantas
Executive Director - Cursa

Student Signature
AADRISH DEY

c1279-1356755

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: contato@cursa.app



Point the camera to
verify authenticity



Certificate

We certify that **AADRISH DEY**
has completed the following courses on our platform:



Mechanical - Metal Casting by nptelhrd

30 hours 34 minutes - From 05/03/2023 to 06/03/2023

Adrián Medeiros Dantas
Executive Director - Cursa

Student Signature
AADRISH DEY

c473-1356755



Point the camera to
verify authenticity

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: contato@cursa.app



Certificate no: UC-d448f18f-a60a-4737-a2fd-c0a22044a409

Certificate url: ude.my/UC-d448f18f-a60a-4737-a2fd-c0a22044a409

Reference Number: 0004

CERTIFICATE OF COMPLETION

The complete AutoCAD 2018-21 course

Instructors **Jaiprakash Pandey**

Abhijit Das

Date **April 3, 2023**

Length **18 total hours**



Certificate

We certify that Pritam Das
has completed the following courses on our platform:



Mechanical - Metal Casting by nptelhrd

30 hours 34 minutes - From 25/03/2023 to 25/03/2023

Adrian Medeiros Dantas
Executive Director - Cursa

Student Signature
Pritam Das

c473-2309306

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: contato@cursa.app



Point the camera to
verify authenticity



Certificate

We certify that Pritam Das
has completed the following courses on our platform:



Human resource management concepts by Gregg Learning

08 hours 13 minutes - From 05/05/2023 to 05/05/2023

Adrian Medeiros Dantas
Executive Director - Cursa

Student Signature
Pritam Das

c943-2309306

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: contato@cursa.app



Point the camera to
verify authenticity



Certificate

We certify that Pritam Das
has completed the following courses on our platform:



Google Chrome dev tools by Traversy Media

00 hours 51 minutes - From 05/05/2023 to 05/05/2023

Adrian Medeiros Dantas
Executive Director - Cursa

Student Signature
Pritam Das

c2128-2309306

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: contato@cursa.app



Point the camera to
verify authenticity



Certificate

We certify that Pritam Das
has completed the following courses on our platform:



Graphic design Basics by Canva

00 hours 45 minutes - From 05/05/2023 to 05/05/2023

Adrian Medeiros Dantas
Executive Director - Cursa

Student Signature
Pritam Das

c1766-2309306

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.

E-mail: contato@cursa.app



Point the camera to
verify authenticity



Certificate no: UC-be2ac5f9-be3e-4c7b-9301-6bfd66e3cd27

Certificate url: ude.my/UC-be2ac5f9-be3e-4c7b-9301-6bfd66e3cd27

Reference Number: 0004

CERTIFICATE OF COMPLETION

Oracle Primavera P6: Your First Lesson!

Instructors **Basharat Bhatti**

Nurulhasan Mondal

Date **July 20, 2023**

Length **1 total hour**



Certificate no: UC-c295a3ce-97d9-40d6-a7e5-585f518317d2

Certificate url: ude.my/UC-c295a3ce-97d9-40d6-a7e5-585f518317d2

Reference Number: 0004

CERTIFICATE OF COMPLETION

Computer Forensics and Digital Forensics Masterclass 2023+

Instructors **OCSALY Academy** | **230.000+** Students

Rahul Oraon

Date **July 19, 2023**

Length **16 total hours**



Certificate no: UC-ca9b0d79-c00c-463f-b353-5f06f7a5e136

Certificate url: ude.my/UC-ca9b0d79-c00c-463f-b353-5f06f7a5e136

Reference Number: 0004

CERTIFICATE OF COMPLETION

HR Leadership Program - Application of Technology in HRM

Instructors **EDUCBA Bridging the Gap**

Nurulhasan Mondal

Date **July 20, 2023**

Length **2 total hours**



Certificate no: UC-d99edeff-a46b-4a3e-b843-4579ebd95066

Certificate url: ude.my/UC-d99edeff-a46b-4a3e-b843-4579ebd95066

Reference Number: 0004

CERTIFICATE OF COMPLETION

The Complete 2023 Web Development Bootcamp

Instructors **Dr. Angela Yu**

Prince Kumar Prasad

Date **May 12, 2023**

Length **65.5 total hours**



Certificate no: UC-dd58ec79-ca29-461a-baf0-35f21beda628

Certificate url: ude.my/UC-dd58ec79-ca29-461a-baf0-35f21beda628

Reference Number: 0004

CERTIFICATE OF COMPLETION

Install NGINX, PHP, MySQL, SSL & WordPress on Ubuntu

Instructors **YouAccel Training**

RIKTAM BAGHIRA

Date **March 24, 2023**

Length **1.5 total hours**



Certificate no: UC-df2a8689-8886-462f-8181-f6cf36c83058

Certificate url: ude.my/UC-df2a8689-8886-462f-8181-f6cf36c83058

Reference Number: 0004

CERTIFICATE OF COMPLETION

AI & ML Starter Course with Hands-On Projects [2023]

Instructors **Prathamesh Khedekar**

Nurulhasan Mondal

Date **July 20, 2023**

Length **1.5 total hours**



Certificate no: UC-fe685f26-955d-4eb2-85d3-71dbc3c2f6bb

Certificate url: ude.my/UC-fe685f26-955d-4eb2-85d3-71dbc3c2f6bb

Reference Number: 0004

CERTIFICATE OF COMPLETION

Professional Certificate in Java Programming

Instructors **Academy of Computing & Artificial Intelligence**

Rahul Oraon

Date **April 6, 2023**

Length **6 total hours**



Certificate no: UC-c0526a04-c43b-4b9b-86ed-4c90f59f822a

Certificate url: ude.my/UC-c0526a04-c43b-4b9b-86ed-4c90f59f822a

Reference Number: 0004

CERTIFICATE OF COMPLETION

Scrum Certification 2023 + Agile Scrum Master Certification

Instructors **Paul Ashun**

Amit Baidya

Date **May 5, 2023**

Length **3 total hours**



Certificate no: UC-8e3730bb-83ba-4580-bb5d-514deab3b5d1

Certificate url: ude.my/UC-8e3730bb-83ba-4580-bb5d-514deab3b5d1

Reference Number: 0004

CERTIFICATE OF COMPLETION

HTML & CSS - Certification Course for Beginners

Instructors **YouAccel Training**

Amit Baidya

Date **May 5, 2023**

Length **4 total hours**



Certificate no: UC-bb5b535e-277b-400e-b479-119ba4655754

Certificate url: ude.my/UC-bb5b535e-277b-400e-b479-119ba4655754

Reference Number: 0004

CERTIFICATE OF COMPLETION

Life Coach: The Complete Life Coach Certification Course

Instructors **BS Academy**

Amit Baidya

Date **May 6, 2023**

Length **5 total hours**



Certificate no: UC-6c13c525-1fb3-4cf7-8853-849c62ae7414

Certificate url: ude.my/UC-6c13c525-1fb3-4cf7-8853-849c62ae7414

Reference Number: 0004

CERTIFICATE OF COMPLETION

Unreal Engine 5 C++ Multiplayer Shooter

Instructors **Stephen Ulibarri**

Santanu Mondal

Date **May 8, 2023**

Length **65 total hours**



CERTIFICATE OF COMPLETION

This is to acknowledge that

SOUNAK GHOSH

From

REGENT EDUCATION & RESEARCH FOUNDATION

has successfully completed the

training on

WEB DESIGNING

for a duration of 45 Days.

Mr. Deepayan Pal
Director

Sikharthy Infotech Pvt. Ltd.

Sikharthy Infotech

Start with a Dream, Finish with a success

Ms. Shilpi Ghoshal
Director

Sikharthy Infotech Pvt. Ltd.

Certificate no.: **SIPL/REGENT/2022/003**

Date of issue: 08.11.2022

Sikharthy Infotech Private Limited

www.siplhub.com



Certificate no: UC-d4e31426-357c-42da-bc9a-fddf271ceeb8

Certificate url: ude.my/UC-d4e31426-357c-42da-bc9a-fddf271ceeb8

Reference Number: 0004

CERTIFICATE OF COMPLETION

XML and XSD: a complete W3C-content based course (+10 hours)

Instructors **Daniel Pinheiro Maia**

Harshit Kumar Mishra

Date **May 17, 2023**

Length **11 total hours**



Certificate no: UC-3ed79ce7-5094-4da2-b137-4a69ec6e6c34

Certificate url: ude.my/UC-3ed79ce7-5094-4da2-b137-4a69ec6e6c34

Reference Number: 0004

CERTIFICATE OF COMPLETION

AWS Services for Solutions Architect Associate [2023]

Instructors **EdYoda Digital University, Ashish Pandey**

Rahul Oraon

Date **May 10, 2023**

Length **11 total hours**



Certificate no: UC-3f551551-ba17-432d-8b95-23feb804589c

Certificate url: ude.my/UC-3f551551-ba17-432d-8b95-23feb804589c

Reference Number: 0004

CERTIFICATE OF COMPLETION

Introduction to Project Management

Instructors **Martin**, PSM, SAFe, PMP, CSSBB

Subhajit Paul

Date **March 5, 2023**

Length **3.5 total hours**



Certificate no: UC-3f551551-ba17-432d-8b95-23feb804589c

Certificate url: ude.my/UC-3f551551-ba17-432d-8b95-23feb804589c

Reference Number: 0004

CERTIFICATE OF COMPLETION

Introduction to Project Management

Instructors **Martin**, PSM, SAFe, PMP, CSSBB

Subhajit Paul

Date **March 5, 2023**

Length **3.5 total hours**



Certificate no: UC-3f551551-ba17-432d-8b95-23feb804589c

Certificate url: ude.my/UC-3f551551-ba17-432d-8b95-23feb804589c

Reference Number: 0004

CERTIFICATE OF COMPLETION

Introduction to Project Management

Instructors **Martin**, PSM, SAFe, PMP, CSSBB

Subhajit Paul

Date **March 5, 2023**

Length **3.5 total hours**



Certificate no: UC-06f77ef2-bc70-498a-b51b-0e3125ddfb54

Certificate url: ude.my/UC-06f77ef2-bc70-498a-b51b-0e3125ddfb54

Reference Number: 0004

CERTIFICATE OF COMPLETION

Learn to Code in Python 3: Programming beginner to advanced

Instructors **Ivan Lourenço Gomes, Learn IT University, Andrii Piatakha**

Nurulhasan Mondal

Date **July 20, 2023**

Length **5.5 total hours**



Certificate no: UC-39a35c6e-1e27-4d46-8864-ac63da7f884f

Certificate url: ude.my/UC-39a35c6e-1e27-4d46-8864-ac63da7f884f

Reference Number: 0004

CERTIFICATE OF COMPLETION

HTML & CSS - Certification Course for Beginners

Instructors **YouAccel Training**

RIKTAM BAGHIRA

Date **March 24, 2023**

Length **4 total hours**



Certificate no: UC-472f29d8-3656-45e1-bcf7-91d7bf6510b5

Certificate url: ude.my/UC-472f29d8-3656-45e1-bcf7-91d7bf6510b5

Reference Number: 0004

CERTIFICATE OF COMPLETION

XML and XSD: a complete W3C-content based course (+10 hours)

Instructors **Daniel Pinheiro Maia**

Rahul Oraon

Date **April 6, 2023**

Length **11 total hours**



Certificate no: UC-79281d3d-1335-46ca-804a-ac705f721e1a

Certificate url: ude.my/UC-79281d3d-1335-46ca-804a-ac705f721e1a

Reference Number: 0004

CERTIFICATE OF COMPLETION

Squarespace Box of Tricks: Master Website Builders in 2023

Instructors **Elwyn Davies**

Rahul Oraon

Date **July 20, 2023**

Length **13 total hours**



Certificate no: UC-8562986b-9af8-4a33-8291-de97489ee6ef

Certificate url: ude.my/UC-8562986b-9af8-4a33-8291-de97489ee6ef

Reference Number: 0004

CERTIFICATE OF COMPLETION

Improving software development productivity

Instructors **ANDRII SVIATOBATKO, Andrii Piatakha**

Biswanath manna

Date **July 20, 2023**

Length **5 total hours**



Certificate no: UC-a7a75f79-1b6d-4e60-9d8f-41fd3593f67d

Certificate url: ude.my/UC-a7a75f79-1b6d-4e60-9d8f-41fd3593f67d

Reference Number: 0004

CERTIFICATE OF COMPLETION

Car Mechanic and Electrician Training Certificated | 2023+

Instructors **OCSALY Academy** | **200.000+** Students

Rahul Oraon

Date **May 10, 2023**

Length **7.5 total hours**



Certificate no: UC-a7ba305a-6dfc-44ba-ac64-6a11478a4b02

Certificate url: ude.my/UC-a7ba305a-6dfc-44ba-ac64-6a11478a4b02

Reference Number: 0004

CERTIFICATE OF COMPLETION

Software architecture

Instructors **ANDRII SVIATOBATKO**

Rahul Oraon

Date **July 20, 2023**

Length **8.5 total hours**



Certificate no: UC-aa660125-552c-405f-b9d0-bab615b6484d

Certificate url: ude.my/UC-aa660125-552c-405f-b9d0-bab615b6484d

Reference Number: 0004

CERTIFICATE OF COMPLETION

Start Your Digital Marketing Agency: Complete SMMA Guide!

Instructors **Jim Esen**

Rahul Oraon

Date **July 20, 2023**

Length **13 total hours**



Declaration of Completion

Sahil Singh

has successfully completed the online course:

Introduction to Cyber Security

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

29th Mar 2023



Krishna Kumar
CEO



27 Jan, 2023

Sujan Kumar Dey

has successfully completed

Python for Data Science, AI & Development

an online non-credit course authorized by IBM Skills Network and offered through
Coursera

Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/3877ZF875MNF>

Coursera has confirmed the identity of this individual and their participation in the course.



Apr 6, 2023

JAUR RAHMAN

has successfully completed

What is Data Science?

an online non-credit course authorized by IBM and offered through Coursera

Rav Ahuja
Global Program Director,
Skills Network

Alex Akson, Ph.D.
Data Scientist

**COURSE
CERTIFICATE**



Verify at:
<https://coursera.org/verify/AQJG6M8JVPC6>

Coursera has confirmed the identity of this individual and their participation in the course.

UC DAVIS

Mar 16, 2023

Sudeb Paul

has successfully completed with honors

Interactivity with JavaScript and jQuery

an online non-credit course authorized by University of California, Davis and offered through Coursera



William Mead
Lecturer and Instructor
Design Department & the Division of Continuing and Professional Education

COURSE
CERTIFICATE

WITH HONORS



Verify at:
<https://coursera.org/verify/CHWQJGVCH388>

Coursera has confirmed the identity of this individual and their participation in the course.

UC DAVIS

Apr 9, 2023

Sudeb Paul

has successfully completed

Data Manipulation in JavaScript

an online non-credit course authorized by University of California, Davis and offered through Coursera



William Mead
Lecturer and Instructor
Design Department & the Division of Continuing and Professional Education

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/E6KX5YDSDWTB>

Coursera has confirmed the identity of this individual and their participation in the course.



4 Courses

**Machine Learning
Foundations: A Case Study
Approach**

**Machine Learning:
Regression**

**Machine Learning:
Classification**

**Machine Learning:
Clustering & Retrieval**



Jul 20, 2023

Avijit Roy

has successfully completed the online, non-credit Specialization

Machine Learning

Congratulations! This Certificate establishes that you have demonstrated proficiency in the exciting, high-demand field of Machine Learning through rigorous online coursework from leading Machine Learning researchers at the University of Washington. Through a series of practical case studies, you gained applied experience in major areas of Machine Learning including Prediction, Classification, Clustering, and Information Retrieval. You learned to analyze large and complex datasets, create systems that adapt and improve over time, and build intelligent applications that can make predictions from data. Take pride in your accomplishment and welcome to the global Machine Learning community!

Emily Fox, Amazon
Professor of Machine
Learning, Statistics
Carlos Guestrin,
Amazon Professor of
Machine Learning,
Computer Science and
Engineering

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Verify this certificate at:

<https://coursera.org/verify/specialization/EBRXQR3P7A7V>



4 Courses

**Machine Learning
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Approach**

**Machine Learning:
Regression**

**Machine Learning:
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**Machine Learning:
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Jul 20, 2023

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Professor of Machine
Learning, Statistics
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Machine Learning,
Computer Science and
Engineering

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Verify this certificate at:

<https://coursera.org/verify/specialization/EBRXQR3P7A7V>



4 Courses

**Machine Learning
Foundations: A Case Study
Approach**

**Machine Learning:
Regression**

**Machine Learning:
Classification**

**Machine Learning:
Clustering & Retrieval**



Jul 20, 2023

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Congratulations! This Certificate establishes that you have demonstrated proficiency in the exciting, high-demand field of Machine Learning through rigorous online coursework from leading Machine Learning researchers at the University of Washington. Through a series of practical case studies, you gained applied experience in major areas of Machine Learning including Prediction, Classification, Clustering, and Information Retrieval. You learned to analyze large and complex datasets, create systems that adapt and improve over time, and build intelligent applications that can make predictions from data. Take pride in your accomplishment and welcome to the global Machine Learning community!

Emily Fox, Amazon
Professor of Machine
Learning, Statistics
Carlos Guestrin,
Amazon Professor of
Machine Learning,
Computer Science and
Engineering

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Verify this certificate at:

<https://coursera.org/verify/specialization/EBRXQR3P7A7V>

UC DAVIS

Jan 6, 2023

Sudeb Paul

has successfully completed

Animation with JavaScript and jQuery

an online non-credit course authorized by University of California, Davis and offered through Coursera



William Mead
Lecturer and Instructor
Design Department & the Division of Continuing and Professional Education

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/ECTU2ZGX3WCV>

Coursera has confirmed the identity of this individual and their participation in the course.



5 Courses

Statistical Inference

Regression Models

Practical Machine Learning

Developing Data Products

Data Science Capstone



Mar 2, 2023

Sk Abir Rahaman

has successfully completed the online, non-credit Specialization

Data Science: Statistics and Machine Learning

The Data Science Specialization covers the concepts and tools for an entire data science pipeline. Successful participants learn how to use the tools of the trade, think analytically about complex problems, manage large data sets, deploy statistical principles, create visualizations, build and evaluate machine learning algorithms, publish reproducible analyses, and develop data products. This certificate does not confer academic credit toward a degree or official status at the Johns Hopkins University.

Jeff Leek, PhD; Roger Peng, PhD; Brian Caffo, PhD

Department of Biostatistics
Johns Hopkins Bloomberg School of Public Health

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:

<https://coursera.org/verify/specialization/G22DH8B4A7GB>



1 Feb, 2023

Sujan Kumar Dey

has successfully completed

Machine Learning with Python

an online non-credit course authorized by IBM Skills Network and offered through
Coursera

Saeed Aghabozorgi
Sr. Data Scientist
IBM

Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE
CERTIFICATE



Verify at:

<https://coursera.org/verify/HW4TP7ECN9FX>

Coursera has confirmed the identity of this individual and their participation in the course.



南京大學

NANJING UNIVERSITY

16 Jan, 2023

Sujan Kumar Dey

has successfully completed

Data Processing Using Python

an online non-credit course authorized by Nanjing University and offered through
Coursera

ZHANG Li

Zhang Li
associate professor
Department of Computer Science

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/MYMQ4VFEKQ9U>

Coursera has confirmed the identity of this individual and their
participation in the course.



5 Courses

The Data Scientist's Toolbox
R Programming
Getting and Cleaning Data
Exploratory Data Analysis
Reproducible Research



Jul 20, 2023

Avijit Roy

has successfully completed the online, non-credit Specialization

Data Science: Foundations using R

The Data Science Specialization covers foundational concepts and tools for the data science pipeline. Successful participants learn how to use the tools of the trade, think analytically about complex problems, manage large data sets, create visualizations, and publish reproducible analyses. This certificate does not confer academic credit toward a degree or official status at the Johns Hopkins University.

Jeff Leek, PhD; Roger Peng, PhD; Brian Caffo, PhD
Department of Biostatistics
Johns Hopkins Bloomberg School of Public Health

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Verify this certificate at:

<https://coursera.org/verify/specialization/PSM7MQGLWWHX>



5 Courses

The Data Scientist's Toolbox
R Programming
Getting and Cleaning Data
Exploratory Data Analysis
Reproducible Research



Jul 20, 2023

Avijit Roy

has successfully completed the online, non-credit Specialization

Data Science: Foundations using R

The Data Science Specialization covers foundational concepts and tools for the data science pipeline. Successful participants learn how to use the tools of the trade, think analytically about complex problems, manage large data sets, create visualizations, and publish reproducible analyses. This certificate does not confer academic credit toward a degree or official status at the Johns Hopkins University.

Jeff Leek, PhD; Roger
Peng, PhD; Brian Caffo,
PhD
Department of
Biostatistics
Johns Hopkins
Bloomberg School of
Public Health

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Verify this certificate at:

<https://coursera.org/verify/specialization/PSM7MQGLWWHX>



5 Courses

Statistical Inference

Regression Models

Practical Machine Learning

Developing Data Products

Data Science Capstone



Jul 20, 2023

Avijit Roy

has successfully completed the online, non-credit Specialization

Data Science: Statistics and Machine Learning

The Data Science Specialization covers the concepts and tools for an entire data science pipeline. Successful participants learn how to use the tools of the trade, think analytically about complex problems, manage large data sets, deploy statistical principles, create visualizations, build and evaluate machine learning algorithms, publish reproducible analyses, and develop data products. This certificate does not confer academic credit toward a degree or official status at the Johns Hopkins University.

Jeff Leek, PhD; Roger Peng, PhD; Brian Caffo, PhD

Department of Biostatistics
Johns Hopkins
Bloomberg School of Public Health

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Verify this certificate at:

<https://coursera.org/verify/specialization/QNAMFXPJUTS>



THE HONG KONG
UNIVERSITY OF SCIENCE
AND TECHNOLOGY

Jul 19, 2023

Avijit Roy

has successfully completed

Python and Statistics for Financial Analysis

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

Xuhu Wan
Associate Professor
Department of Information Systems, Business Statistics and Operations Management

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/RJD78G64FKCU>

Coursera has confirmed the identity of this individual and their participation in the course.



Aug 28, 2022

Rupsha Mitra

has successfully completed

Foundations of Digital Marketing and E-commerce

an online non-credit course authorized by Google and offered through Coursera

Amanda Brophy
Global Director of Google Career Certificates

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/HT7HQHM4WKVM>

Coursera has confirmed the identity of this individual and their participation in the course.



THE HONG KONG
UNIVERSITY OF SCIENCE
AND TECHNOLOGY

9 Jan, 2023

Sujan Kumar Dey

has successfully completed

Python and Statistics for Financial Analysis

an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera

Xuhu Wan
Associate Professor
Department of Information Systems, Business Statistics and Operations Management

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/RWS2JDRWH823>

Coursera has confirmed the identity of this individual and their participation in the course.



5 Courses

The Data Scientist's Toolbox
R Programming
Getting and Cleaning Data
Exploratory Data Analysis
Reproducible Research



Mar 23, 2023

Sk Sahin Parvej

has successfully completed the online, non-credit Specialization

Data Science: Foundations using R

The Data Science Specialization covers foundational concepts and tools for the data science pipeline. Successful participants learn how to use the tools of the trade, think analytically about complex problems, manage large data sets, create visualizations, and publish reproducible analyses. This certificate does not confer academic credit toward a degree or official status at the Johns Hopkins University.

Jeff Leek, PhD; Roger Peng, PhD; Brian Caffo, PhD
Department of Biostatistics
Johns Hopkins Bloomberg School of Public Health

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Verify this certificate at:

<https://coursera.org/verify/specialization/TEXNRZP4CMVF>



5 Courses

The Data Scientist's Toolbox
R Programming
Getting and Cleaning Data
Exploratory Data Analysis
Reproducible Research



Mar 23, 2023

Md Kaif Mullick

has successfully completed the online, non-credit Specialization

Data Science: Foundations using R

The Data Science Specialization covers foundational concepts and tools for the data science pipeline. Successful participants learn how to use the tools of the trade, think analytically about complex problems, manage large data sets, create visualizations, and publish reproducible analyses. This certificate does not confer academic credit toward a degree or official status at the Johns Hopkins University.

Jeff Leek, PhD; Roger
Peng, PhD; Brian Caffo,
PhD
Department of
Biostatistics
Johns Hopkins
Bloomberg School of
Public Health

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Verify this certificate at:

<https://coursera.org/verify/specialization/TJ2CVUXB56G7>



5 Courses

The Data Scientist's Toolbox
R Programming
Getting and Cleaning Data
Exploratory Data Analysis
Reproducible Research



Mar 23, 2023

Biswajit Kar

has successfully completed the online, non-credit Specialization

Data Science: Foundations using R

The Data Science Specialization covers foundational concepts and tools for the data science pipeline. Successful participants learn how to use the tools of the trade, think analytically about complex problems, manage large data sets, create visualizations, and publish reproducible analyses. This certificate does not confer academic credit toward a degree or official status at the Johns Hopkins University.

Jeff Leek, PhD; Roger
Peng, PhD; Brian Caffo,
PhD
Department of
Biostatistics
Johns Hopkins
Bloomberg School of
Public Health

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Verify this certificate at:

<https://coursera.org/verify/specialization/X8DJGQCLA4J3>



5 Courses

The Data Scientist's Toolbox
R Programming
Getting and Cleaning Data
Exploratory Data Analysis
Reproducible Research



Mar 4, 2023

Sk Abir Rahaman

has successfully completed the online, non-credit Specialization

Data Science: Foundations using R

The Data Science Specialization covers foundational concepts and tools for the data science pipeline. Successful participants learn how to use the tools of the trade, think analytically about complex problems, manage large data sets, create visualizations, and publish reproducible analyses. This certificate does not confer academic credit toward a degree or official status at the Johns Hopkins University.

Jeff Leek, PhD; Roger Peng, PhD; Brian Caffo, PhD
Department of Biostatistics
Johns Hopkins Bloomberg School of Public Health

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Verify this certificate at:

<https://coursera.org/verify/specialization/YELNMWGCWG6D>



May 22, 2023

Diganta Poddar

has successfully completed

Programming Fundamentals

an online non-credit course authorized by Duke University and offered through Coursera

A handwritten signature in black ink, appearing to read "Andrew D. Hilton".

Andrew D. Hilton | Genevieve M. Lipp | Anne Bracy
Assistant Professor of the Practice | Adjunct Professor | Senior Lecturer
Electrical and Computer Engineering | Electrical and Computer Engineering | Computer Science, Cornell University

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/ZMPK65YSZR2D>

Coursera has confirmed the identity of this individual and their participation in the course.



4 Courses

**Machine Learning
Foundations: A Case Study
Approach**

**Machine Learning:
Regression**

**Machine Learning:
Classification**

**Machine Learning:
Clustering & Retrieval**



Mar 24, 2023

Sk Sahin Parvej

has successfully completed the online, non-credit Specialization

Machine Learning

Congratulations! This Certificate establishes that you have demonstrated proficiency in the exciting, high-demand field of Machine Learning through rigorous online coursework from leading Machine Learning researchers at the University of Washington. Through a series of practical case studies, you gained applied experience in major areas of Machine Learning including Prediction, Classification, Clustering, and Information Retrieval. You learned to analyze large and complex datasets, create systems that adapt and improve over time, and build intelligent applications that can make predictions from data. Take pride in your accomplishment and welcome to the global Machine Learning community!

Emily Fox, Amazon
Professor of Machine
Learning, Statistics
Carlos Guestrin,
Amazon Professor of
Machine Learning,
Computer Science and
Engineering

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Verify this certificate at:

<https://coursera.org/verify/specialization/ZSY5QXZ8QBFU>



Certificate no: UC-cc7bcd8d-50e1-4a41-88a5-018377ed3669

Certificate url: ude.my/UC-cc7bcd8d-50e1-4a41-88a5-018377ed3669

Reference Number: 0004

CERTIFICATE OF COMPLETION

Digital Nomad Lifestyle: Live Your Dream & Travel the World

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Thomas Talavera Karlake, Beck Robertson**

Bijay Gorai

Date **July 2, 2022**

Length **8 total hours**



Certificate no: UC-1272cfff-de87-416d-940a-dbb2de22d34b

Certificate url: ude.my/UC-1272cfff-de87-416d-940a-dbb2de22d34b

Reference Number: 0004

CERTIFICATE OF COMPLETION

Local SEO 2022 Made Simple & Fun + Google Maps & TripAdvisor

Instructors **Ing. Tomas Moravek | Facebook Ads Expert, SEO, Facebook Ads & Digital Marketing Academy, Beck Robertson**

Bijay Gorai

Date **July 2, 2022**

Length **9.5 total hours**



Certificate no: UC-d84eb292-1c95-4d8c-b4ce-a1454aa07f4c

Certificate url: ude.my/UC-d84eb292-1c95-4d8c-b4ce-a1454aa07f4c

Reference Number: 0004

CERTIFICATE OF COMPLETION

The Complete Introduction to Online Course Creation

Instructors **Yassin Marco**

Bijay Gorai

Date **March 23, 2023**

Length **7 total hours**



Certificate no: UC-7b4d9760-2288-43a1-9564-f1c2d17a0820

Certificate url: ude.my/UC-7b4d9760-2288-43a1-9564-f1c2d17a0820

Reference Number: 0004

CERTIFICATE OF COMPLETION

Artificial Neural Networks (ANN) with Keras in Python and R

Instructors **Start-Tech Academy**

Bijay Gorai

Date **July 2, 2022**

Length **11 total hours**



Certificate no: UC-644e6b74-f32e-4810-95ce-13aa2dc394a8

Certificate url: ude.my/UC-644e6b74-f32e-4810-95ce-13aa2dc394a8

Reference Number: 0004

CERTIFICATE OF COMPLETION

Criminology and Criminal Psychology | Certified CSI+ Course

Instructors **OCSALY Academy | 180.000+ Students**

Bijay Gorai

Date **March 23, 2023**

Length **4 total hours**



Certificate no: UC-acba47ad-e71a-42d0-b2b2-1749ca90af18

Certificate url: ude.my/UC-acba47ad-e71a-42d0-b2b2-1749ca90af18

Reference Number: 0004

CERTIFICATE OF COMPLETION

Mental Freedom: From PAIN To POWER

Instructors **Prof. Paul Cline, Ed.D, Sandor Kiss**

Bijay Gorai

Date **March 3, 2023**

Length **4.5 total hours**



राष्ट्रीय इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी संस्थान (रा.इ.सू.प्रौ.सं.)
National Institute Of Electronics And Information Technology (NIELIT)
 इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी मंत्रालय, भारत सरकार की एक स्वायत्त वैज्ञानिक संस्था
 (An Autonomous Scientific Society under the administrative control of
 Ministry of Electronics & Information Technology (MeitY), Government of India)
KOLKATA

CERTIFICATE

This is to certify that Shri / Smt Santanu Ghanta
has attended and successfully completed Online Certificate Course
in Python Programming (10hrs.) *during the period*
20.03.2023 to 06.04.2023 *has secured Grade 'A' in the*
examination conducted by NIELIT Kolkata.



Digitally signed by
 KRISHNAMURTHY
 VENKATARAMAN
 Date: 2023.04.24
 13:16:37 +05'30'

(V. Krishnamurthy)
Executive Director
NIELIT Kolkata

Date of Issue: 24th April 2023
 Place of Issue: Kolkata

Grade	S	A	B	C	D
Marks Range (in %)	$\geq 85\%$	$\geq 75\%$ and $< 85\%$	$\geq 65\%$ and $< 75\%$	$\geq 55\%$ and $< 65\%$	$\geq 50\%$ and $< 55\%$

M UNIVERSITY OF MICHIGAN

Mar 21, 2023

Arghya Modak

has successfully completed

Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE
CERTIFICATE



Verify at:
<https://coursera.org/verify/6MHQNLVF2ULM>

Coursera has confirmed the identity of this individual and their participation in the course.



May 6, 2023

Arghya Modak

has successfully completed

Excel Basics for Data Analysis

an online non-credit course authorized by IBM and offered through Coursera

Sandip Saha Joy
Data Scientist
IBM

Steve Ryan
Instructional Designer & Content Developer
Skill-Up Technologies

COURSE CERTIFICATE



Verify at:

<https://coursera.org/verify/M9MCP8PBRYET>

Coursera has confirmed the identity of this individual and their participation in the course.



Mar 20, 2023

Arghya Modak

has successfully completed

Python for Data Science, AI & Development

an online non-credit course authorized by IBM Skills Network and offered through
Coursera

Joseph Santarcangelo
Senior Data Scientist
IBM

COURSE CERTIFICATE



Verify at:
<https://coursera.org/verify/ET3NSXY83PQ5>

Coursera has confirmed the identity of this individual and their participation in the course.

May 6, 2023

Arghya Modak

has successfully completed

Introduction to Programming with MATLAB

an online non-credit course authorized by Vanderbilt University and offered through
Coursera



Handwritten signature of Akos Ledeczi in black ink.

Akos Ledeczi, Ph.D.
Professor
Computer Engineering, Computer Science, and
Electrical Engineering

Handwritten signature of J. Michael Fitzpatrick in black ink.

J. Michael Fitzpatrick, PhD
Professor Emeritus
Computer Science, Computer Engineering, Electrical Engineering, Neurosurgery, and Radiology

Verify at:
<https://coursera.org/verify/3SBBQPD7TQ83>

Coursera has confirmed the identity of this individual and their
participation in the course.



COURSE
CERTIFICATE

Apr 5, 2023

Arghya Modak

has successfully completed

Modeling and Design for Mechanical Engineers
with Autodesk Fusion 360

an online non-credit course authorized by Autodesk and offered through Coursera

A handwritten signature in black ink, appearing to read 'Andrew Anagnost'.

Andrew Anagnost, President and Chief Executive Officer of Autodesk, Inc.



Verify at:
<https://coursera.org/verify/W2PGYLBYSMS>

Coursera has confirmed the identity of this individual and their participation in the course.



 LEARNING

Certificate of Completion
Congratulations, Arghya Modak

Master Microsoft Excel

Learning Path completed on Mar 24, 2023 at 06:50PM UTC • 25 hours 44 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Top skills covered

Spreadsheets, Microsoft Excel

A handwritten signature in black ink, appearing to read "Dan Rodnitzky".

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate ID: ASUykTjSpUl3QuAXgrCX--3f8BFF



LinkedIn LEARNING

Certificate of Completion
Congratulations, Arghya Modak

AutoCAD 2023 Essential Training

Course completed on Mar 22, 2023 at 05:56PM UTC • 9 hours 48 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

A handwritten signature in black ink, appearing to read 'Dan Rodnitzky'.

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate ID: ARnGx6FNzvdclzyd-trlr_ts0jPj



Certificate no: UC-de543bd9-cb86-47ce-b637-00623d805df0

Certificate url: ude.my/UC-de543bd9-cb86-47ce-b637-00623d805df0

Reference Number: 0004

CERTIFICATE OF COMPLETION

Complete Character Design Megacourse: Beginner to Expert

Instructors **Creativity Unleashed**

Manjeet Jha

Date **Jan. 13, 2023**

Length **31 total hours**



Certificate no: UC-bd913e15-6468-4eae-893a-8e421910e948

Certificate url: ude.my/UC-bd913e15-6468-4eae-893a-8e421910e948

Reference Number: 0004

CERTIFICATE OF COMPLETION

C Programming Bootcamp - The Complete C Language Course

Instructors **Vlad Budnitski**

Manjeet Jha

Date **Jan. 13, 2023**

Length **44.5 total hours**



Certificate no: UC-f83bc598-4611-483b-9249-b19ad0b2f88e

Certificate url: ude.my/UC-f83bc598-4611-483b-9249-b19ad0b2f88e

Reference Number: 0004

CERTIFICATE OF COMPLETION

HTML & CSS - Certification Course for Beginners

Instructors **Kiran Gavali**

Kazi Hannan Ali

Date **March 18, 2023**

Length **4.5 total hours**



Certificate no: UC-1d7f3d69-ac1b-4b72-a9d1-cfadded3c101

Certificate url: ude.my/UC-1d7f3d69-ac1b-4b72-a9d1-cfadded3c101

Reference Number: 0004

CERTIFICATE OF COMPLETION

Javascript For Beginners Complete Course

Instructors **PROPER DOT INSTITUTE**

Kazi Hannan Ali

Date **March 18, 2023**

Length **2 total hours**



Certificate no: UC-1b70f2ab-915e-4b51-b682-67e5bc84d210

Certificate url: ude.my/UC-1b70f2ab-915e-4b51-b682-67e5bc84d210

Reference Number: 0004

CERTIFICATE OF COMPLETION

Unity Multiplayer Blockchain Game Course

Instructors **Morgan Page**

Kazi Hannan Ali

Date **March 18, 2023**

Length **9.5 total hours**



Certificate no: UC-30c8815f-8426-4140-90b2-bfa5500d2c58

Certificate url: ude.my/UC-30c8815f-8426-4140-90b2-bfa5500d2c58

Reference Number: 0004

CERTIFICATE OF COMPLETION

C++ And Java Training Crash Course 2022

Instructors **Krish valley**

Diptendu Das

Date **April 13, 2023**

Length **1.5 total hours**



Certificate no: UC-617ba28c-d1f5-4d92-9bdd-59482399c210

Certificate url: ude.my/UC-617ba28c-d1f5-4d92-9bdd-59482399c210

Reference Number: 0004

CERTIFICATE OF COMPLETION

Master Python: Beginner to Pro with Hands-on Coding Tasks

Instructors **Vitalii Shumylo**

Diptendu Das

Date **April 13, 2023**

Length **7 total hours**



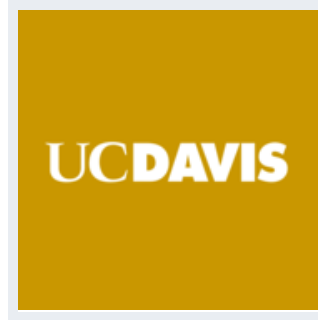
4 Courses

JavaScript Basics

Animation with JavaScript
and jQuery

Interactivity with JavaScript
and jQuery

Data Manipulation in
JavaScript



Apr 9, 2023

Sudeb Paul

has successfully completed the online, non-credit Specialization

JavaScript for Beginners

In this Specialization, learners developed and practiced foundational programming skills using JavaScript. This four-course Specialization covers the basics of the JavaScript language and introduced learners to the ways in which JavaScript can manipulate content on web pages. It focused on the popular jQuery library and explored the syntactical differences between JavaScript and jQuery. Several smaller projects were used to demonstrate how jQuery is used and how it differs from plain JavaScript. It used jQuery plugins and built on the previous knowledge by developing skills with more complex and more challenging scripts. It also focused on using data with JavaScript and looked at basic methods for handling data provided by users, or coming from an external data source.

William Mead
Instructor and Lecturer
Design Department &
Continuing and
Professional Education

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:

<https://coursera.org/verify/specialization/ABWQK3F6KZD7>



Certificate no: UC-2c7d6fe9-6af8-41c6-b9de-f7c8760e2102

Certificate url: ude.my/UC-2c7d6fe9-6af8-41c6-b9de-f7c8760e2102

Reference Number: 0004

CERTIFICATE OF COMPLETION

Canadian Securities Course CSC® Part 2 Exam Preparation

Instructors **Aizad Adam Ahmad**

Rahul Oraon

Date **July 20, 2023**

Length **10 total hours**



Certificate no: UC-b3ff14a1-25db-4d6f-a474-9351ab2eabbd

Certificate url: ude.my/UC-b3ff14a1-25db-4d6f-a474-9351ab2eabbd

Reference Number: 0004

CERTIFICATE OF COMPLETION

PHP for Beginners: PHP Crash Course 2023

Instructors **Web Coding**

Bijay Gorai

Date **March 22, 2023**

Length **5 total hours**