THE UNIVERSITY OF SYDNEY

COURSE CERTIFICATE

Sep 21, 2023

Abhijeet Sahdev

has successfully completed

Blockchain Scalability and its Foundations in Distributed Systems

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

Vincent Gramoli
Associate Professor
School of Computer Science

EDUCATION FOR EVERYONE · coursera · COURSE CERTIFICATE

Verify at:
https://coursera.org/verify/WWTBFKYQAM3T

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

STATEMENT OF ACCOMPLISHMENT

#362,948

HAS BEEN AWARDED TO

Abhijeet Sahdev

FOR SUCCESSFULLY COMPLETING

Data Scientist with Python

LENGTH

90 HOURS

COMPLETED ON

APR 20, 2023

Jonathan Cornelissen, CEO

datacamp

Certificate of Completion

This is to certify that ***Abhijeet Sahdev*** *successfully completed 22 total hours of* ***Flutter & Firebase: Build a Complete App for iOS & Android*** *online course on Aug. 16, 2020*

Andrea Bizzotto

Andrea Bizzotto, Instructor

&

Udemy

Certificate no: **UC-4410337f-efa2-445a-8625-35f381e58ed6**
Certificate url: **ude.my/UC-4410337f-efa2-445a-8625-35f381e58ed6**

#BeAble

Certificate of Completion

*This is to certify that **Abhijeet Sahdev** successfully completed 26 total hours of **Flutter & Dart - The Complete Flutter App Development Course** online course on June 20, 2020*

Paulo Dichone | Android, Java, Flutter Developer and Teacher

Paulo Dichone | Android, Java, Flutter Developer and Teacher, Instructor

&

Udemy

Certificate no: **UC-0e6e1858-ce9e-492a-b42b-1838dc71eecf**
Certificate url: **ude.my/UC-0e6e1858-ce9e-492a-b42b-1838dc71eecf**

#BeAble

Certificate of Completion

This is to certify that ***Abhijeet Sahdev*** *successfully completed 3 total hours of* ***Flutter REST API Crash Course: Build a Coronavirus App*** *online course on* ***July 1, 2020***

Andrea Bizzotto

Andrea Bizzotto, Instructor

&

Udemy

Certificate no: **UC-2a8d61f0-2751-4ae8-b8c2-0a7905080db7**
Certificate url: **ude.my/UC-2a8d61f0-2751-4ae8-b8c2-0a7905080db7**

#BeAble

Future Learn

Issued 19th March 2022. futurelearn.com/certificates/i7fm8v1

Certificate of Achievement

Abhijeet Sahdev

has completed the following course:

INTRODUCTION TO BLOCKCHAIN TECHNOLOGY AND APPLICATIONS
UCL (UNIVERSITY COLLEGE LONDON) AND UCL CENTRE FOR BLOCKCHAIN TECHNOLOGIES

This course enhanced understanding of DLT and blockchain technology and explored how it can be used to solve business problems.

4 weeks, 2 hours per week

Paolo Tasca
Executive Director
UCL Centre for Blockchain Technologies

Nikhil Vadgama
Deputy Director
UCL Centre for Blockchain Technologies

UCL

UCL CBT

The person named on this certificate has completed the activities in the attached transcript. For more information about Certificates of Achievement and the effort required to become eligible, visit futurelearn.com/proof-of-learning/certificate-of-achievement.

This certificate represents proof of learning. It is not a formal qualification, degree, or part of a degree.

TRANSCRIPT

Abhijeet Sahdev

has completed the following course:

INTRODUCTION TO BLOCKCHAIN TECHNOLOGY AND APPLICATIONS

UCL (UNIVERSITY COLLEGE LONDON) AND UCL CENTRE FOR BLOCKCHAIN TECHNOLOGIES

This course enhanced understanding of DLT and blockchain technology and explored how it can be used to solve business problems.

STUDY REQUIREMENT

4 weeks, 2 hours per week

LEARNING OUTCOMES

- Explain what problems blockchains solve
- Describe what the properties of a blockchain system are
- Demonstrate knowledge of the key stakeholders in the blockchain ecosystem
- Compare decentralised and centralised systems, what the pros and cons of both are and why decentralisation is a key property of a blockchain
- Explain how blockchains could be used for payments
- Describe how cryptography and consensus mechanisms are used in blockchain systems
- Demonstrate knowledge of how blockchain can be used in supply chains
- Explain what smart contracts are, how they can be applied and how they differ from conventional contracts
- Apply the UCL Blockchain Framework to see if a business problem could be solved with the application of blockchain technology
- Reflect on how blockchain technology could lead to transformational business models and disruption in our conventional socio-economic systems
- How blockchain is being applied in decentralised finance (DeFi)
- How Central Bank Digital Currencies (CBDCs) may revolutionise cash
- How Bitcoin, Ethereum and other cryptocurrencies are being used and applied today

SYLLABUS

- What are blockchains and distributed ledger technologies?
- How blockchains can be used as a means to decentralise processes, for example payments
- How blockchains can be applied to supply chains to improve transparency and better reconciliation of data
- How blockchains can be used as a means of establishing better provenance and how smart contracts can be used to automate processes that rely on trusted information
- Practical case study examples of blockchain and DLT use
- Hear from real-world companies on deployments of this revolutionary technology
- Learn frameworks on how to apply DLT to your business or to a use case

Future Learn

5 Courses

Neural Networks and Deep Learning

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization

Structuring Machine Learning Projects

Convolutional Neural Networks

Sequence Models

30-Jul-2021

Abhijeet Sahdev

has successfully completed the online, non-credit Specialization

Deep Learning

Congratulations! You have completed all 5 courses of the Deep Learning Specialization. In this Specialization, you built neural network architectures such as Convolutional Neural Networks, Recurrent Neural Networks, LSTMs, Transformers, and learned how to make them better with strategies such as Dropout, BatchNorm, and Xavier/He initialization. You mastered these theoretical concepts, learned their industry applications using Python and TensorFlow, and tackled real-world cases such as speech recognition, music synthesis, chatbots, machine translation, natural language processing, and more. You are now familiar with the capabilities and challenges of deep learning. You are ready to take the definitive step in the world of AI and participate in the development of leading-edge technology.

Andrew Ng,
Founder,
DeepLearning.AI

Kian Katanforoosh
Co-founder, Workera

Younes Bensouda Mourri
Instructor of AI,
Stanford University

Verify this certificate at:
coursera.org/verify/specialization/9DMW9KDH8JUF

STATEMENT OF ACCOMPLISHMENT

#28,683,129

HAS BEEN AWARDED TO

Abhijeet Sahdev

FOR SUCCESSFULLY COMPLETING

Introduction to ChatGPT

LENGTH

1 HOURS

COMPLETED ON

APR 08, 2023

Jonathan Cornelissen, CEO

datacamp