

I DON'T KNOW HOW I DID IT BUT SOMEHOW I DID IT



3 Courses

Mathematics for Machine Learning: Linear Algebra
Mathematics for Machine Learning: Multivariate Calculus
Mathematics for Machine Learning: PCA



Mar 25, 2022

Daffa Haj Tsaqif
has successfully completed the online, non-credit Specialization

Mathematics for Machine Learning

A sequence of 3 courses on the prerequisite mathematics for applications in data science and machine learning. Successful participants learn how to represent data in a linear algebra context and manipulate these objects mathematically. They are able to summarise properties of data sets and map them onto lower dimensional spaces with principal component analysis. Finally they can solve optimisation problems and use this skill to train models for describing data such as simple neural networks.



David Dye
Professor of Metallurgy
Department of Materials
Imperial College London

Samuel J. Cooper
Lecturer
Dyson School of Design Engineering
Imperial College London

Marc Deisenroth
Senior Lecturer
Department of Computing
Imperial College London

Verify this certificate at:
<https://coursera.org/verify/specialization/82CYJ2DNXW6>

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.



6 Courses

Crash Course on Python
Using Python to Interact with the Operating System
Introduction to Git and GitHub
Troubleshooting and Debugging Techniques
Configuration Management and the Cloud
Automating Real-World Tasks with Python



Mar 9, 2022

Daffa Haj Tsaqif
has successfully completed the online, non-credit Professional Certificate

Google IT Automation with Python

This six-course certificate, developed by Google, is designed to provide IT professionals with in-demand skills -- including Python, Git, and IT automation -- that can help them advance their careers. The hands-on curriculum is designed to teach learners how to write code in Python, with a special focus on how this applies to automating tasks in the world of IT support and systems administration. Those who received this certificate passed all graded assessments with a score of 80% of above. They should have a strong foundation in how to use Git and GitHub, troubleshoot and debug complex problems, and apply automation at scale by using configuration management and the Cloud in order to prepare them for more advanced IT Support Specialist or Junior Systems Administrator positions.


Verify this certificate at:
<https://coursera.org/verify/professional-cert/GY6DMKAQW00U>

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4 Courses

Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning
Convolutional Neural Networks in TensorFlow
Natural Language Processing in TensorFlow
Sequences, Time Series and Prediction



Apr 7, 2022

Daffa Haj Tsaqif
has successfully completed the online, non-credit Professional Certificate

DeepLearning.AI TensorFlow Developer

Congratulations! You have completed all 4 courses of the DeepLearning.AI TensorFlow Developer Professional Certificate program. As part of this Professional Certificate program, you have learned: how to build and train neural networks using TensorFlow, how to improve network performance using convolutions as you train it to identify real-world images, how to teach machines to understand, analyze, and respond to human speech with natural language processing systems, and more! These, and other TensorFlow concepts, are going to be at the forefront of the coming transformation to an AI-powered future.



Laurence Moroney
Lead AI Advocate
Google

Andrew Ng
Founder
DeepLearning.AI

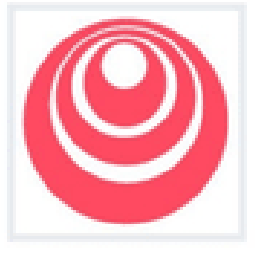
Verify this certificate at:
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4 Courses

Browser-based Models with TensorFlow.js
Device-based Models with TensorFlow Lite
Data Pipelines with TensorFlow Data Services
Advanced Deployment Scenarios with TensorFlow



Apr 27, 2022

Daffa Haj Tsaqif
has successfully completed the online, non-credit Specialization

TensorFlow: Data and Deployment

In this specialization, you continued to develop your understanding of machine learning with TensorFlow: Data and Deployment. You have gone beyond basic modeling and learned how to train and run your models within a browser, optimize machine learning models for mobile devices, and create effective data pipelines with TensorFlow Data Services. Now that you've learned the various ways to deploy your models, you're well-prepared to take your models into the hands of real people on all kinds of devices!

Verify this certificate at:
<https://coursera.org/verify/specialization/5PCTHW7YCCZ8>

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