4 Courses

Custom Models, Layers, and Loss Functions with TensorFlow

Custom and Distributed Training with TensorFlow

Advanced Computer Vision with TensorFlow

Generative Deep Learning with TensorFlow

Feb 7, 2021

SILVIO SCHWARZ

has successfully completed the online, non-credit Specialization

TensorFlow: Advanced Techniques

Congratulations! You have completed all four courses of the TensorFlow: Advanced Techniques Specialization! With this Specialization, you've expanded your knowledge of the Functional API and are ready to build exotic non-sequential model types. You learned how to optimize training in different environments with multiple processors and chip types and have also been introduced to advanced computer vision scenarios such as object detection, image segmentation, and interpreting convolutions. You've explored generative deep learning including the ways AIs can create new content from Style Transfer to Auto Encoding, VAEs, and GANs. You are now equipped to build complex, custom models using TensorFlow.

Laurence Moroney
Lead AI Advocate
Google

Verify this certificate at:
coursera.org/verify/specialization/5DDY3GKK3YTV

3 Courses

Build Basic Generative Adversarial Networks (GANs)

Build Better Generative Adversarial Networks (GANs)

Apply Generative Adversarial Networks (GANs)

Feb 15, 2021

SILVIO SCHWARZ

has successfully completed the online, non-credit Specialization

Generative Adversarial Networks (GANs)

Congratulations! You have completed all 3 courses of Generative Adversarial Networks - a DeepLearning.AI Specialization. As part of this Specialization, you have learned the classical machine learning skills and the state-of-the-art deep learning techniques needed to build GANs models. You are now equipped to design applications that perform image generation and image-to-image translation using GANs! These, and other generative applications, are going to be at the forefront of the coming transformation to an AI-powered future.

Sharon Zhou
Course Instructor
DeepLearning.AI

Verify this certificate at:
coursera.org/verify/specialization/KA3YGBWN8RM2

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

Jan 27, 2021

Laurence Moroney
Lead AI Advocate at
Google

Silvio Schwarz

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:
coursera.org/verify/specialization/R4LSQ7AK8M83

4 Courses

Introduction to Machine Learning in Production

Machine Learning Data Lifecycle in Production

Machine Learning Modeling Pipelines in Production

Deploying Machine Learning Models in Production

Sep 9, 2021

SILVIO SCHWARZ

has successfully completed the online, non-credit Specialization

Machine Learning Engineering for Production (MLOps)

Congratulations! You have completed all four courses of Machine Learning Engineering for Production (MLOps) Specialization. In this Specialization, you learned how to conceptualize and maintain integrated systems. You mastered well-established tools and methodologies to build production systems that can handle relentless evolving data and continuously run at maximum efficiency. You're now familiar with the capabilities, challenges, and consequences of machine learning engineering in production and are ready to level up your career by participating in the development of leading-edge AI technology and solving real-world problems.

Andrew Ng,
Founder,
DeepLearning.AI

Robert Crowe
TensorFlow Developer
Engineer, Google

Verify this certificate at:
coursera.org/verify/specialization/SCJJ3AWTKR4B

5 Courses

Technical Support Fundamentals

The Bits and Bytes of Computer Networking

Operating Systems and You: Becoming a Power User

System Administration and IT Infrastructure Services

IT Security: Defense against the digital dark arts

May 11, 2021

SILVIO SCHWARZ

has successfully completed the online, non-credit Professional Certificate

Google IT Support

Those who earn the Google IT Support Professional Certificate have completed five-courses, developed by Google, that include hands-on, practice-based assessments and are designed to prepare them for entry-level roles in IT support. They are competent in foundational skills, including troubleshooting and customer service, networking, operating systems, system administration, and security.

Verify this certificate at: coursera.org/verify/professional-cert/U9C59W5MS826

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

Jan 13, 2021

Silvio Schwarz

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:
coursera.org/verify/professional-cert/WNXPGV8FR3AF