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

May 29, 2023

Yan Nguyen

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

Laurence Moroney
Lead AI Advocate
Google

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/FFJYL8C47KU6