



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**



Aug 28, 2021

**Ahmed Khalid**

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

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