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

May 27, 2020

Hiroki Utsumi

has successfully completed the online, non-credit Specialization

Deep Learning

Congratulations! You have completed all five 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, Xavier/He initialization, and more. You mastered these theoretical concepts and their application using Python and TensorFlow and also tackled real-world case studies such as autonomous driving, sign language reading, music generation, computer vision, speech recognition, and natural language processing. You're now familiar with the capabilities, challenges, and consequences of deep learning and are ready to participate in the development of leading-edge AI technology.

Andrew Ng,
Founder,
DeepLearning.AI
Co-founder, Coursera

Verify this certificate at:
coursera.org/verify/specialization/RBGWJT853TUQ