



Feb 5, 2021

文昊 杨

has successfully completed

Improving Deep Neural Networks: Hyperparameter  
Tuning, Regularization and Optimization

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

A handwritten signature in blue ink that reads "Andrew Ng".

Adjunct Professor Andrew Ng  
Computer Science

COURSE  
CERTIFICATE



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