



Jun 6, 2018

Thomas Runte

has successfully completed

Improving Deep Neural Networks: Hyperparameter
Tuning, Regularization and Optimization

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

A handwritten signature in black ink, appearing to read "Andrew Ng".

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

COURSE
CERTIFICATE



Verify at:

coursera.org/verify/FJJRS4RTAE7B

Coursera has confirmed the identity of this individual and their participation in the course.

This certificate attests to the learner's completion of an online course / project delivered via Coursera. It does not constitute formal enrollment at any university or entity and does not itself grant academic credit, grades, or a degree. Institutions or organizations may, at their discretion, recognize this learning toward their own programs or credentials.