



09/14/2017

Ahmet Emra

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, reading "Andrew Ng".

Adjunct Professor Andrew Ng
Computer Science Department
Stanford University

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/QZ2CB74UK374

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