



Oct 11, 2021

**Zihan Zhang**

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 blue ink signature of Andrew Ng.

Andrew Ng, Founder, DeepLearning.AI & Co-founder, Coursera  
Kian Katanforoosh, Co-founder, Workera  
Younes Bensouda Mourri, Instructor of AI, Stanford University

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/9L9UQLRN6VUV](https://coursera.org/verify/9L9UQLRN6VUV)

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