



Feb 11, 2021

**Gabriel Lopez Rey**

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.

Adjunct Professor Andrew Ng  
Computer Science

**COURSE  
CERTIFICATE**



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participation in the course.