



Oct 9, 2022

ELIAS LIMOUNI

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:
<https://coursera.org/verify/LHEYFQSEPSS2>

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