

COURSE CERTIFICATE

Nov 23, 2020

## Amany Mou'nes Mahmoud

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



Adjunct Professor Andrew Ng Computer Science

Verify at coursera.org/verify/8YLMS6ENEYSS

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