

COURSE CERTIFICATE

09/18/2019

## VISHAL D PATNAIK

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/CQZES3C9TY7F

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