

COURSE CERTIFICATE

11/04/2018

## Ram Varra

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/VL4AWJ6VDFG5

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