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**Bharath Kumar Gande**

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 handwritten signature in blue ink that reads "Andrew Ng".

Adjunct Professor Andrew Ng  
Computer Science

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/A399RZYJ6E2P](https://coursera.org/verify/A399RZYJ6E2P)

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participation in the course.