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Blagorodna Ilievska Alcheva

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, reading "Andrew Ng".

Adjunct Professor Andrew Ng  
Computer Science

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/7LXWGVPLYH5D](https://coursera.org/verify/7LXWGVPLYH5D)

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their participation in the course.