



01/21/2019

国栋 诸

has successfully completed

**Convolutional Neural Networks**

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/4QJ9MRJ4T3VB](https://coursera.org/verify/4QJ9MRJ4T3VB)

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