



02/27/2019

**Saifeddine Barkia**

has successfully completed

**Neural Networks and Deep Learning**

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/NZ4T7Z7VN4EG](https://coursera.org/verify/NZ4T7Z7VN4EG)  
Coursera has confirmed the identity of this individual and  
their participation in the course.