



10/19/2018

James Portman

has successfully completed

Neural Networks and Deep Learning

an online non-credit course authorized by deeplearning.ai and offered through
Coursera

A blue ink signature of Andrew Ng, written in a cursive style.

Adjunct Professor Andrew Ng
Computer Science

**COURSE
CERTIFICATE**



Verify at coursera.org/verify/Z9CRX48Q2XMT

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