



04/25/2020

Birzhan Serik

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/V6PGDURZ6MY7

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