

COURSE CERTIFICATE

11/16/2019

marwan mostafa

has successfully completed

Neural Networks and Deep Learning

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



Adjunct Professor Andrew Ng Computer Science

Verify at coursera.org/verify/SVT764GYS4WA

Coursera has confirmed the identity of this individual and $\mbox{their participation in the course}. \label{eq:course}$