



9 Jul, 2025

Joel Trulin

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 black ink, appearing to read 'Andrew Ng'.

Andrew Ng, Founder, DeepLearning.AI & Co-founder, Coursera

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/481KQ3W82CDW>

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