



10 Jul, 2025

Joel Trulin

has successfully completed

Convolutional Neural Networks

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