



05/10/2020

Charles Mackie

has successfully completed

Structuring Machine Learning Projects

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/ZWUPEYN52FMT

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