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Muhammad Umar Ali

has successfully completed

Introduction to TensorFlow for Artificial
Intelligence, Machine Learning, and Deep
Learning

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

A handwritten signature in blue ink that reads "Laurence Moroney".

Laurence Moroney
Staff AI Advocate
Google Brain

COURSE
CERTIFICATE



Verify at coursera.org/verify/RSL2458YDDE7

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