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NURZHAN SAGADENOV

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
Lead AI Advocate, Google

**COURSE
CERTIFICATE**



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