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Bikash Gupta

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**



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