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**Silvio Schwarz**

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 stylized, handwritten signature in blue ink that reads "Laurence Moroney".

Laurence Moroney  
Lead AI Advocate, Google

**COURSE  
CERTIFICATE**



Verify at [coursera.org/verify/VMG4E5NQ3JT3](https://coursera.org/verify/VMG4E5NQ3JT3)

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