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Alvaro Henrique Alves de Lima  
Guedes

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/9JFZP6828CWW](https://coursera.org/verify/9JFZP6828CWW)

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