



08/06/2020

**Muhammad Umar Ali**

has successfully completed

**Convolutional Neural Networks in TensorFlow**

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/PNKL9FTCZ7UG](https://coursera.org/verify/PNKL9FTCZ7UG)  
Coursera has confirmed the identity of this individual and  
their participation in the course.