

COURSE CERTIFICATE

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## Youssef Skouri

has successfully completed

Custom Models, Layers, and Loss Functions with TensorFlow

an online non-credit course authorized by DeepLearning.AI and offered through Coursera



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Verify at coursera.org/verify/HRUHWWXSHL2W

Coursera has confirmed the identity of this individual and their  ${\tt participation\ in\ the\ course}.$