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Rafael Michelin Sanches
Ferreira de Moraes

has successfully completed

Introduction to Deep Learning & Neural Networks
with Keras

an online non-credit course authorized by IBM and offered through Coursera

A handwritten signature in black ink, appearing to read 'Alex Aklson', written over a horizontal dotted line.

Alex Aklson, Ph.D.
Data Scientist

COURSE
CERTIFICATE



Verify at coursera.org/verify/3Z8HVNGUG9DH

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