



May 21, 2022

**IRYNA ZHYRIAKOVA**

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 Akson", written over a horizontal dotted line.

Alex Akson, Ph.D.  
Data Scientist

**COURSE  
CERTIFICATE**



Verify at:

<https://coursera.org/verify/KKQUQMDWMGGR>

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