



This is to certify that

Alex Aklson, Ph.D.

Data Scientist

IBM Developer Skills Network

## Vladimir Belobragin

successfully completed and received a passing grade in

## DL0101EN: Deep Learning Fundamentals with Keras

a course of study offered by IBM, an online learning initiative of IBM through edX.



VALID CERTIFICATE ID 433d2a743ec64b99882401484159a1be