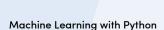


6 Courses



Scalable Machine Learning on Big Data using Apache Spark

Introduction to Deep Learning & Neural Networks with Keras

Deep Neural Networks with PyTorch

Building Deep Learning Models with TensorFlow

Al Capstone Project with Deep Learning



07/08/2020

## **ALAN BINU**

has successfully completed the online, non-credit Professional Certificate

## **IBM AI Engineering**

Learners who have completed this 6 course Professional
Certificate have a practical understanding of Machine Learning
(ML) & Deep Learning (DL). They have technical skills to start a
career in Al Engineering, and can: • Implement ML algorithms
including Classification, Regression, Clustering, and Dimensional
Reduction using scipy & scikitlearn • Perform ML on Big Data and
deploy ML Algorithms and Pipelines on Apache Spark •
Demonstrate understanding of Deep Learning models such as
autoencoders, restricted Boltzmann machines, convolutional
networks, recursive neural networks, and recurrent networks •
Build deep learning models and neural networks using Keras,
PyTorch and Tensorflow libraries • Demonstrate ability to present
and communicate outcomes of deep learning projects

Romeo Kienzler Chief Data Scientist IBM Watson IoT

Alex Aklson, Ph.D.
Data Scientist

J Sastacongst

Joseph Santarcangelo Senior Data Scientist IBM

Josel A.

Saeed Aghabozorgi Sr. Data Scientist IBM

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at: coursera.org/verify/professional-cert/2JZ5EPXUJDKB