



6 Courses

Machine Learning with Python

Introduction to Deep Learning & Neural Networks with Keras

Introduction to Computer Vision and Image Processing

Deep Neural Networks with PyTorch

Building Deep Learning Models with TensorFlow

AI Capstone Project with Deep Learning



Mar 15, 2023

Saurav Das

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 AI 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

Rav Ahuja
AI & Data Science
Program Director
IBM Skills Network

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.

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Mar 5, 2023

Saurav Das

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Machine Learning with Python

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

Saeed Aghabozorgi
Sr. Data Scientist
IBM

Joseph Santarcangelo
Senior Data Scientist
IBM

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Mar 8, 2023

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Aije Egwaikhide
Senior Data Scientist
IBM

Joseph Santarcangelo
Senior Data Scientist
IBM

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Mar 14, 2023

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**Introduction to Deep Learning & Neural Networks
with Keras**

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

Alex Akson, Ph.D.
Data Scientist

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Deep Neural Networks with PyTorch

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Joseph Santarcangelo
Senior Data Scientist
IBM

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Building Deep Learning Models with TensorFlow

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Alex Akison
Romeo Kienzler
Samaya Madhavan

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

Alex Akson, Ph.D.
Data Scientist

A handwritten signature in black ink, appearing to read "Joseph Santarcangelo", written over a horizontal dotted line.

Joseph Santarcangelo
Senior Data Scientist
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Deep Learning Essentials with Keras

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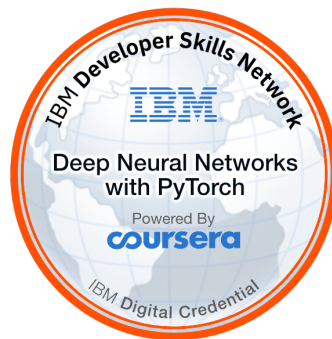
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