



NANODEGREE PROGRAM

Robotics Software Engineer

CERTIFICATE OF COMPLETION

Awarded to

Ibad Rather

SEBASTIAN THRUN

Founder, Udacity

June 28, 2021

Udacity has confirmed the participation of this individual in this program. Confirm program completion at confirm.udacity.com/PPG5APCA



Apr 14, 2019

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Programming for Everybody (Getting Started with Python)

an online non-credit course authorized by University of Michigan and offered through Coursera



Charles Severance Clinical Professor, School of Information University of Michigan

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Mar 2, 2023

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Machine Learning Data Lifecycle in Production

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Robert Crowe TensorFlow Developer Engineer, Google

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Apr 18, 2019

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Python Data Structures

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Jan 22, 2020

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Tools for Data Science

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

I hi Me Suetlana Levitan

Maureen McElaney Romeo Kienzler Svetlana Levitan

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Mar 16, 2021

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Crash Course on Python

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Apr 5, 2019

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Dr. Kathryn Wingate Academic Professional Woodruff School of Mechanical Engineering

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Oct 21, 2019

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

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Dovel A. gentarongt

Saeed Aghabozorgi Sr. Data Scientist IBM Joseph Santarcangelo Senior Data Scientist IBM

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Feb 6, 2021

Ibad Rather

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The Arduino Platform and C Programming

an online non-credit course authorized by University of California, Irvine and offered through Coursera



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Ian Harris Professor Department of Computer Science

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Oct 11, 2019

Antonio Cangiano

IBM Digital Business Group

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Building AI Applications with Watson APIs

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Antonio Cangiano

Software Developer and Technical Evangelist

Tanmay Bakshi

Tanmay Bakshi AI Evangelist & Watson Developer

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Oct 5, 2019

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Getting Started with AI using IBM Watson

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Rav Ahuja Global Program Director, Skills Network

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May 6, 2019

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Data Visualization with Python

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

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Saishruthi Swaminathan Data Scientist IBM CODAIT

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Oct 4, 2019

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Introduction to Artificial Intelligence (AI)

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Rav Ahuja Global Program Director, Skills Network

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Mar 1, 2023

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Introduction to Machine Learning in Production

an online non-credit course authorized by DeepLearning.AI and offered through Coursera



Aller No

Andrew Ng Founder, DeepLearning.AI Co-founder, Coursera

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Feb 6, 2021

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Interfacing with the Arduino

an online non-credit course authorized by University of California, Irvine and offered through Coursera



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Ian Harris Professor Department of Computer Science

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Oct 11, 2019

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Introduction to Computer Vision and Image Processing

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Aije Egwaikhide Senior Data Scientist IBM Joseph Santarcangelo Senior Data Scientist IBM

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Apr 8, 2021

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Convolutional Neural Networks in TensorFlow

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Lowrence Moroney

Laurence Moroney Lead AI Advocate, Google

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Feb 8, 2021

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Introduction to the Internet of Things and Embedded Systems

an online non-credit course authorized by University of California, Irvine and offered through Coursera



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Ian Harris Professor Department of Computer Science

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Oct 6, 2019

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Building AI Powered Chatbots Without Programming

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

Antonio Cangiano

Antonio Cangiano Software Developer and Technical Evangelist IBM Digital Business Group

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Feb 11, 2021

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Interfacing with the Raspberry Pi

an online non-credit course authorized by University of California, Irvine and offered through Coursera



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Ian Harris Professor Department of Computer Science

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May 4, 2019

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Data Analysis with Python

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

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Joseph Santarcangelo Senior Data Scientist IBM

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Mar 28, 2023

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Python Project for Data Engineering

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Ramesh Sannareddy of Soutarongs

Ramesh Sannareddy Data Engineering Subject Matter Expert Skill-up Technologies Joseph Santarcangelo Senior Data Scientist IBM

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Apr 24, 2019

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Python for Data Science, AI & Development

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of Sastacongst

Joseph Santarcangelo Senior Data Scientist IBM

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Apr 19, 2019

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What is Data Science?

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Rav Ahuja Global Program Director, Skills Network Alex Aklson, Ph.D.
Data Scientist

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