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Oct 28, 2023

Coursera Learner

has successfully completed

Calculus for Machine Learning and Data Science

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



Luis G Serrano

Luis Serrano, Instructor, Serrano Academy. Anshuman Singh, Curriculum Product Manager, DeepLearning.AI. Elena Sanina, Curriculum Engineer, DeepLearning.AI. Magdalena Bouza, Curriculum Developer, DeepLearning.AI. Obed Nsiah, Curriculum Developer. Lucas Coutinho, Curriculum Developer, DeepLearning.AI

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Oct 28, 2023

Coursera Learner

has successfully completed

Linear Algebra for Machine Learning and Data Science

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

A handwritten signature in black ink that reads 'Luis G. Serrano'.

Luis Serrano, Instructor, Serrano Academy. Anshuman Singh, Curriculum Product Manager, DeepLearning.AI. Elena Sanina, Curriculum Engineer, DeepLearning.AI. Magdalena Bouza, Curriculum Developer, DeepLearning.AI. Obed Nsiah, Curriculum Developer. Lucas Coutinho, Curriculum Developer, DeepLearning.AI

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M UNIVERSITY OF MICHIGAN

Oct 23, 2023

Coursera Learner

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Data Collection and Processing with Python

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



Paul Resnick
Michael D. Cohen Collegiate Professor
School of Information

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Oct 4, 2023

Coursera Learner

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Python Basics

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



Paul Resnick
Stephen Oney
Jaclyn Cohen

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Probability & Statistics for Machine Learning & Data Science

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Luis G Serrano

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Python Functions, Files, and Dictionaries

an online non-credit course authorized by University of Michigan and offered through
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Handwritten signatures in black ink, including 'Paul Resnick', 'Stephen Oney', and 'Jaclyn Cohen'.

Paul Resnick
Stephen Oney
Jaclyn Cohen

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M UNIVERSITY OF MICHIGAN

Oct 26, 2023

Coursera Learner

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Python Classes and Inheritance

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

Stephen Oney Paul Resnick

Steve Oney
Assistant Professor
School of Information

Paul Resnick
Michael D. Cohen Collegiate Professor
School of Information

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Certificate url: ude.my/UC-947d5ad1-93e8-4929-af30-f83b6c3c6076

Reference Number: 0004

CERTIFICATE OF COMPLETION

The Java Learning Guide

Instructors **Hassan Fulaih**

Rayan Suleman

Date **July 26, 2022**

Length **9 total hours**