



Oct 28, 2020

Hassan Abdelazim Abdelsalam

has successfully completed

Python Data Structures

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

A handwritten signature in black ink, reading 'Charles', followed by a horizontal line.

Charles Severance
Clinical Professor, School of Information
University of Michigan

COURSE CERTIFICATE



Verify at coursera.org/verify/QQBRZDH2Y6HN

Coursera has confirmed the identity of this individual and their participation in the course.