



10/18/2019

Omer Mohamed Hassan Gamie

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, appearing to read 'Charles', followed by a horizontal line.

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/9L9EMKLZJK6Y](https://coursera.org/verify/9L9EMKLZJK6Y)

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