



01/01/2020

# Volkan Karaarslan

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/B9LZE63PBPYZ](https://coursera.org/verify/B9LZE63PBPYZ)

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their participation in the course.