



05/14/2020

**Moncef Karim AIT BELKACEM**

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/QNXSV2ES23C7](https://coursera.org/verify/QNXSV2ES23C7)

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