



MAY 06, 2016

Ahmed Gamal Elmahy

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 Associate Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



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