



5 Courses

**Programming for Everybody  
(Getting Started with  
Python)**

**Python Data Structures**

**Using Python to Access Web  
Data**

**Using Databases with  
Python**

**Capstone: Retrieving,  
Processing, and Visualizing  
Data with Python**



Sep 13, 2022

محمد كنان اسامة الحمصي

has successfully completed the online, non-credit Specialization

## Python for Everybody

This Specialization builds on the success of the Python for Everybody course and will introduce fundamental programming concepts including data structures, networked application program interfaces, and databases, using the Python programming language. In the Capstone Project, you'll use the technologies learned throughout the Specialization to design and create your own applications for data retrieval, processing, and visualization.

Charles Severance  
Clinical Associate  
Professor, School of  
Information  
University of Michigan

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:

<https://coursera.org/verify/specialization/GKQXHGGRP8DB>