

5 Courses

Programming for Everybody (Getting Started with Python)

Python Data Structures

Using Python to Access Web

Using Databases with Python

Capstone: Retrieving, Processing, and Visualizing Data with Python



06/28/2020

JITHIN MATHEW

has successfully completed the online, non-credit Specialization

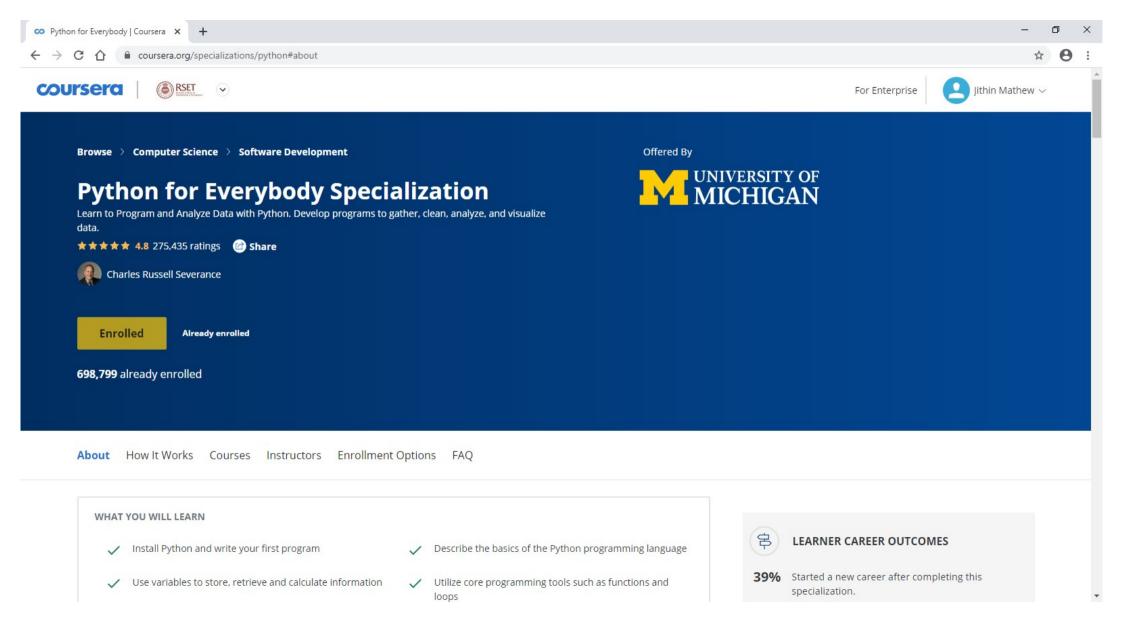
Python for Everybody

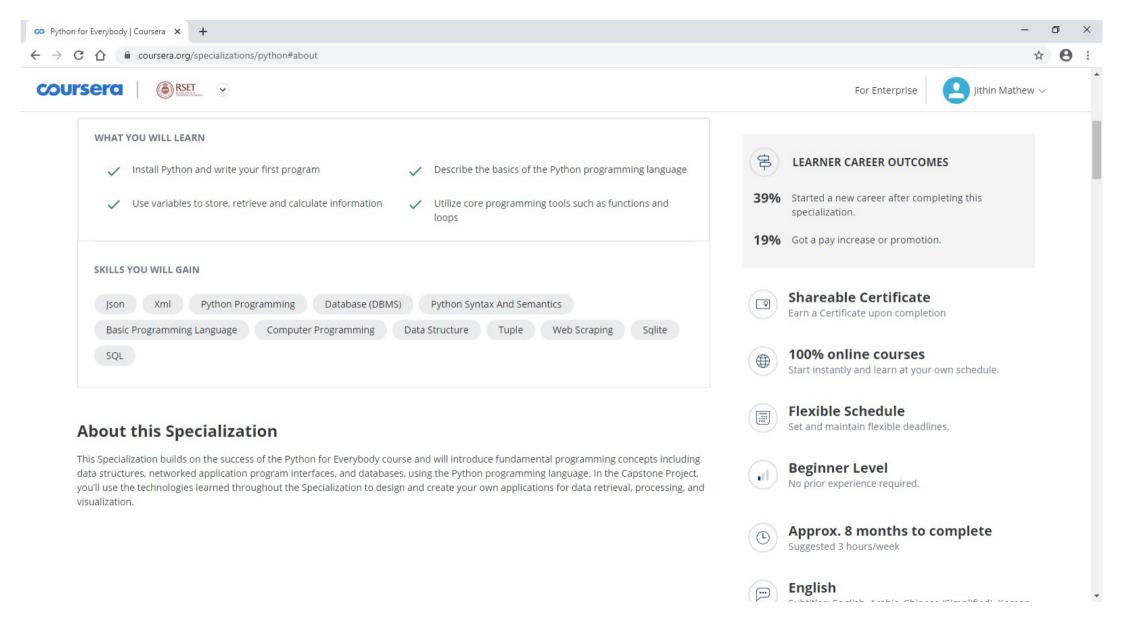
This Specialization builds on the success of the Python for Everybody course and will introduce fundamental programming concepts including data structures, networked application program interfaces, and databases, using the Python programming language. In the Capstone Project, you'll use the technologies 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 tought 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: coursera.org/verify/specialization/RBZ3AXA2EGA9







There are 5 Courses in this Specialization

COURSE

★★★★ 4.8 146,985 ratings • 35,166 reviews

1

This course aims to teach everyone the basics of programming computers using Python. We cover the basics of how one constructs a program from a series of simple instructions in Python. The course has no pre-requisites and avoids all but the simplest mathematics. Anyone with moderate computer experience should be able to master the materials in this course. This course will cover Chapters 1-5 of the textbook "Python for Everybody". Once a student completes this course, they will be ready to take more advanced programming courses. This course covers Python 3.

COURSE

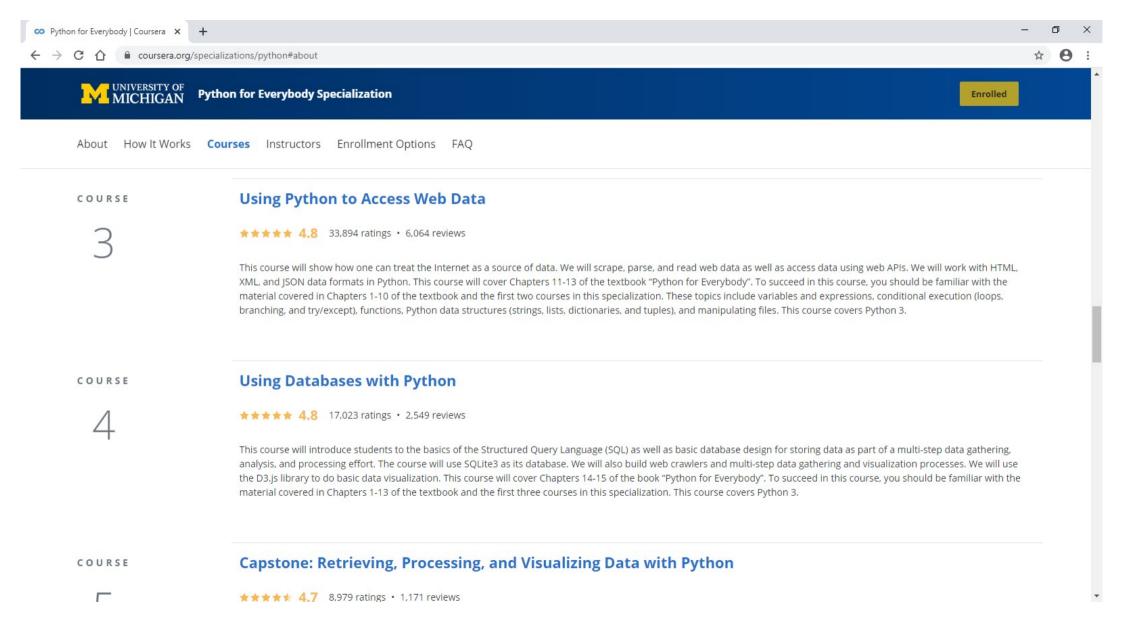
Python Data Structures

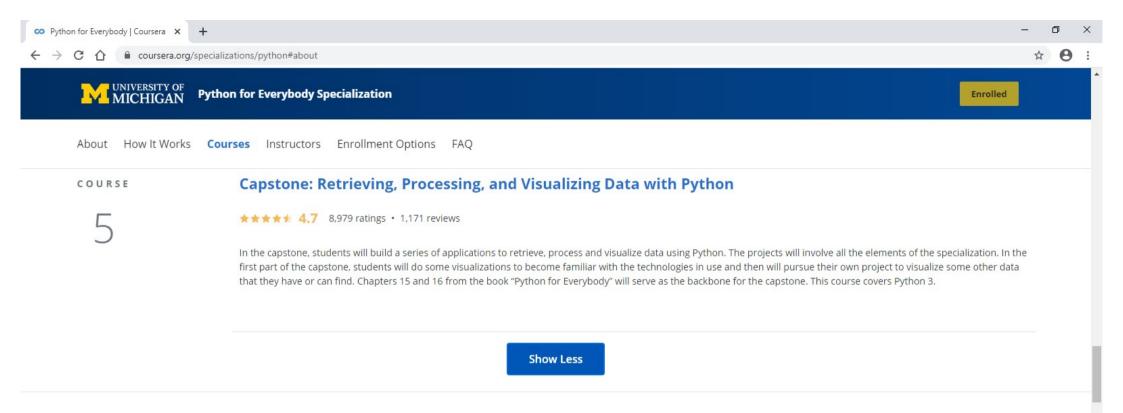
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★★★★ 4.9 68,554 ratings • 11,926 reviews

Programming for Everybody (Getting Started with Python)

This course will introduce the core data structures of the Python programming language. We will move past the basics of procedural programming and explore how we can use the Python built-in data structures such as lists, dictionaries, and tuples to perform increasingly complex data analysis. This course will cover Chapters 6-10 of the textbook "Python for Everybody". This course covers Python 3.





Instructor



Charles Russell Severance
Clinical Professor
School of Information

1x 2,203,961 Learners
10 23 Courses