



Oct 28, 2023

Coursera Learner

has successfully completed

Programming for Everybody (Getting Started with Python)

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:

<https://coursera.org/verify/TQ54D73TXUKN>

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



Oct 28, 2023

Coursera Learner

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:

<https://coursera.org/verify/BUY3FKU2PG4D>

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



Nov 2, 2023

Coursera Learner

has successfully completed

Using Python to Access Web Data

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:

<https://coursera.org/verify/YLB8KEJNZE2C>

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



Oct 30, 2023

Coursera Learner

has successfully completed

Capstone: Retrieving, Processing, and Visualizing Data with Python

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:
<https://coursera.org/verify/FSH77B7ZP9KQ>

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