



Certificate of Achievement

Paul Rooney

has completed the following course:

PROGRAMMING FOR EVERYBODY: PYTHON DATA STRUCTURES
UNIVERSITY OF MICHIGAN

This course explored the basics of programming computers using Python 3. We introduced the built-in data structures in Python, including: lists, dictionaries, and tuples, as well as performed more complex data analysis.

6 weeks, 4 hours per week



Charles Russell Severance
Professor, School of Information
University of Michigan



The person named on this certificate has completed the activities in the attached transcript. For more information about Certificates of Achievement and the effort required to become eligible, visit futurelearn.com/proof-of-learning/certificate-of-achievement.

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96%
AVERAGE TEST
SCORE

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STUDY REQUIREMENT

6 weeks, 4 hours per week

LEARNING OUTCOMES

- Explain the principles of data structures & how they are used
- Develop programs that are able to read and write data from files
- Demonstrate understanding of data storage using key/value pairs with Python dictionaries
- Perform multi-step tasks like sorting or looping using tuples

SYLLABUS

Explain the principles of data structures & how they are used
Create programs that are able to read and write data from files
Store data as key/value pairs using Python dictionaries
Accomplish multi-step tasks like sorting or looping using tuples