



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



12/09/2017

**Oguz ERDEN**

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

Verify this certificate at:  
[coursera.org/verify/specialization/5J5PVMZZZQ27](https://coursera.org/verify/specialization/5J5PVMZZZQ27)



12/31/2017

Oguz ERDEN

has successfully completed

Introduction to Data Science in Python

an online non-credit course authorized by University of Michigan and offered through  
Coursera

A handwritten signature in black ink, appearing to read 'Chris Brooks'.

Christopher Brooks  
Research Assistant Professor  
School of Information

COURSE  
CERTIFICATE



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



05/12/2018

Oguz ERDEN

has successfully completed

Applied Machine Learning in Python

an online non-credit course authorized by University of Michigan and offered through  
Coursera

A handwritten signature in black ink, reading 'KCT Thompson'.

Kevyn Collins-Thompson  
Associate Professor  
School of Information

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CERTIFICATE



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



May 20, 2020

Oguz ERDEN

has successfully completed

Data Collection and Processing with Python

an online non-credit course authorized by University of Michigan and offered through Coursera

Handwritten signatures of Paul Resnick and Jaclyn Cohen in black ink.

Paul Resnick  
Michael D. Cohen Collegiate Professor  
School of Information

Jaclyn Cohen  
Lecturer  
School of Information

COURSE  
CERTIFICATE



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





02/07/2018

Oguz ERDEN

has successfully completed

Applied Plotting, Charting & Data Representation  
in Python

an online non-credit course authorized by University of Michigan and offered through  
Coursera

A handwritten signature in black ink, appearing to read 'Chris Brooks'.

Christopher Brooks  
Research Assistant Professor  
School of Information

COURSE  
CERTIFICATE



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



Jul 6, 2020

Oguz ERDEN

has successfully completed

Python Project: pillow, tesseract, and opencv

an online non-credit course authorized by University of Michigan and offered through Coursera

A handwritten signature in black ink, appearing to read 'Christopher Brooks'.

Christopher Brooks  
Research Assistant Professor  
School of Information

COURSE  
CERTIFICATE



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