



5 Courses

Python Basics

Python Functions, Files, and  
Dictionaries

Data Collection and  
Processing with Python

Python Classes and  
Inheritance

Python Project: Software  
Engineering and Image  
Manipulation



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**Luis Angel Monge Narvaez**

has successfully completed the online, non-credit Specialization

## Python 3 Programming

Recipients have demonstrated proficiency in the fundamentals of programming using Python 3, including variables, conditionals, loops, and basic data structures. They have also gained experience with intermediate concepts such as keyword arguments, list comprehensions, lambda expressions, and class inheritance. Recipients have also shown the ability to reason about program execution, identify and correct bugs, develop programs that interact with Internet APIs to retrieve and process useful data, and read technical documentation to query unfamiliar modules and APIs.

*Paul Resnick* *Stephen Oney*

Paul Resnick, PhD  
Michael D. Cohen  
Collegiate Professor of  
Information  
School of Information

Steve Oney  
Assistant Professor  
School of Information

*Christopher Brooks*

Christopher Brooks  
Associate Professor of  
Information  
School of Information

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