PYTHON INSTITUTE
Open Education & Development Group

OpenEDG Python Institute Authorized Academy Program

OPENEDG

Statement of Achievement

PCAP: Programming Essentials in Python

The graduate of the *PCAP: Programming Essentials in Python* course, administered by the undersigned instructor, and provided by **Cisco Networking Academy®** in collaboration with **OpenEDG Python Institute**:

- knows the universal concepts of computer programming, including variables, data structures, algorithms, control flow, functions, and exceptions;
- can proficiently use the developer tools, the runtime environment, and the syntax and semantics of the Python language;
- can use fundamental programming techniques, best practices, customs, and vocabulary, including the most common standard library functions in Python 3;
- can write Python programs using standard language infrastructure, and knows the means by which to resolve typical implementation problems;
- knows how to work with modules and packages, process text and binary files, and use generators, iterators, and closures;
- understands the fundamentals of object-oriented programming (OOP) and the way they are adopted in Python.

Enrique Chacón Mena

Student

División Académica de Informática y Sistemas-Univ Juárez Autónoma de Tabasco

Academy Name

Mexico	**07/01/2021**
Location	Date

Laura Quintana
VP & General Manager, Cisco Networking Academy