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 JavaScript 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.

Andrii Dovhaliuk

Student
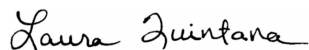
Київський політехнічний інститут ім. Ігоря Сікорського

Academy Name

Ukraine   **31/05/2021**

Location   Date

Laura Quintana
Laura Quintana
VP & General Manager, Cisco Networking Academy