



CPA: Programming Essentials in C++

During the Cisco Networking Academy® course in the scope of 70 hours the student has studied the following skills:

- the universal concepts of computer programming, developer tools,
- the syntax and semantics of the C++ language, as well as basic data types in the C++ language,
- the principles of the object-oriented model and its implementation in the C++ language,
- the means by which to resolve typical implementation problems with the aid of standard C++ language libraries,
- the writing of C++ programs using standard language infrastructure, regardless of the hardware or software platform.

This Statement of Achievement is to acknowledge that during the course CPA: Programming Essentials in C++, the student has been able to accomplish coding tasks related to the basics of programming in the C++ language, and understands the fundamental notions and techniques used in object-oriented programming.

By completing the course, the student is now ready to attempt the qualification CPA – C++ Certified Associate Programmer Certification, from the C++ Institute.

Yuliya Tanasyuk

Student

Cisco Networking Academy

Academy Name

Ukraine

Location

Laura Quintana

Vice President & General Manager

16 June 2019

Date

Instructor Signature