



4 Courses

**C++ Basics: Selection and Iteration**

**C++ Basic Structures: Vectors, Pointers, Strings, and Files**

**C++ Object Basics: Functions, Recursion, and Objects**

**Object-Oriented C++: Inheritance and Encapsulation**



Feb 9, 2024

**Muhammad Umar**

has successfully completed the online, non-credit Specialization

# Programming in C++: A Hands-on Introduction

This specialization is intended for people without programming experience who seek to develop C++ programming skills and learn about the underlying computer science concepts that will allow them to pick up other programming languages quickly. In these four courses, you will cover everything from fundamentals to object-oriented design. These topics will help prepare you to write anything from small programs to automate repetitive tasks to larger applications, giving you enough understanding of C++ to tackle more specialized topics such as Data Science and Artificial Intelligence.

Anh Le  
Curriculum Developer  
Codio

Elise Deitrick, PhD  
VP of Product  
Codio

Kevin Noelsaint  
Curriculum Developer  
Codio

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