



5 Courses

**Introduction to Object-Oriented Programming in C++**

**C++ Programming: Classes and Data**

**Object-Oriented Programming in C++: Functions**

**Working with Objects in C++**

**Use C++ to build a Crypto Trading Platform: Final System**



**Goldsmiths**  
UNIVERSITY OF LONDON

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**Aaryan Choudhary**

has successfully completed the online, non-credit Specialization

# Object Oriented Programming

In this 5-course specialisation, you will develop various C++ programming skills. Rather than building many small programs as you will in other courses, we have taken a different approach: you will create a single, extensive program through the five courses. The program will be a simplified cryptocurrency exchange platform. We will cover the following learning objectives: Use control flow to build interactive, multi-branched, iterated programs Select appropriate data types to model the trading platform's information Convert algorithms from pseudo-code to C++ and test them Use classes to combine data and functions and to model interactions between different parts of a program Understand how to construct an extensive program from multiple modules

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