Issued: 2021-11-29 Certificate ID: 2bi1kiyzed

## THIS CERTIFICATE IS AWARDED TO

## **BRYAN JOE**

For successfully completing the following course on Pirple.com:

## C++ For the Rest of Us

## **TOPICS COVERED:**

Data Types, Variables, Constants, Booleans, Characters, Integers, Error reporting, Casting, Output Formatting, Keyboard Input, Comments, Comparison and Logical Operators, Operator Precedence, If-Statements, Else-Statements, Switch Statements, Ternary Operators, Do-While Loops, For-Loops, Arrays, Pointers, Binary Numbers, Boolean Operations, Bitwise Operators, Function Structure, Includes and Headers, Entry Points, Strings, OOP, Classes, Encapsulation, Accessors and Overrides, Vectors, and Filesystem Interaction.

