

Develop and Code Games with C++

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AGES: 13 – 17 (Must turn 13 by 12-31-18)

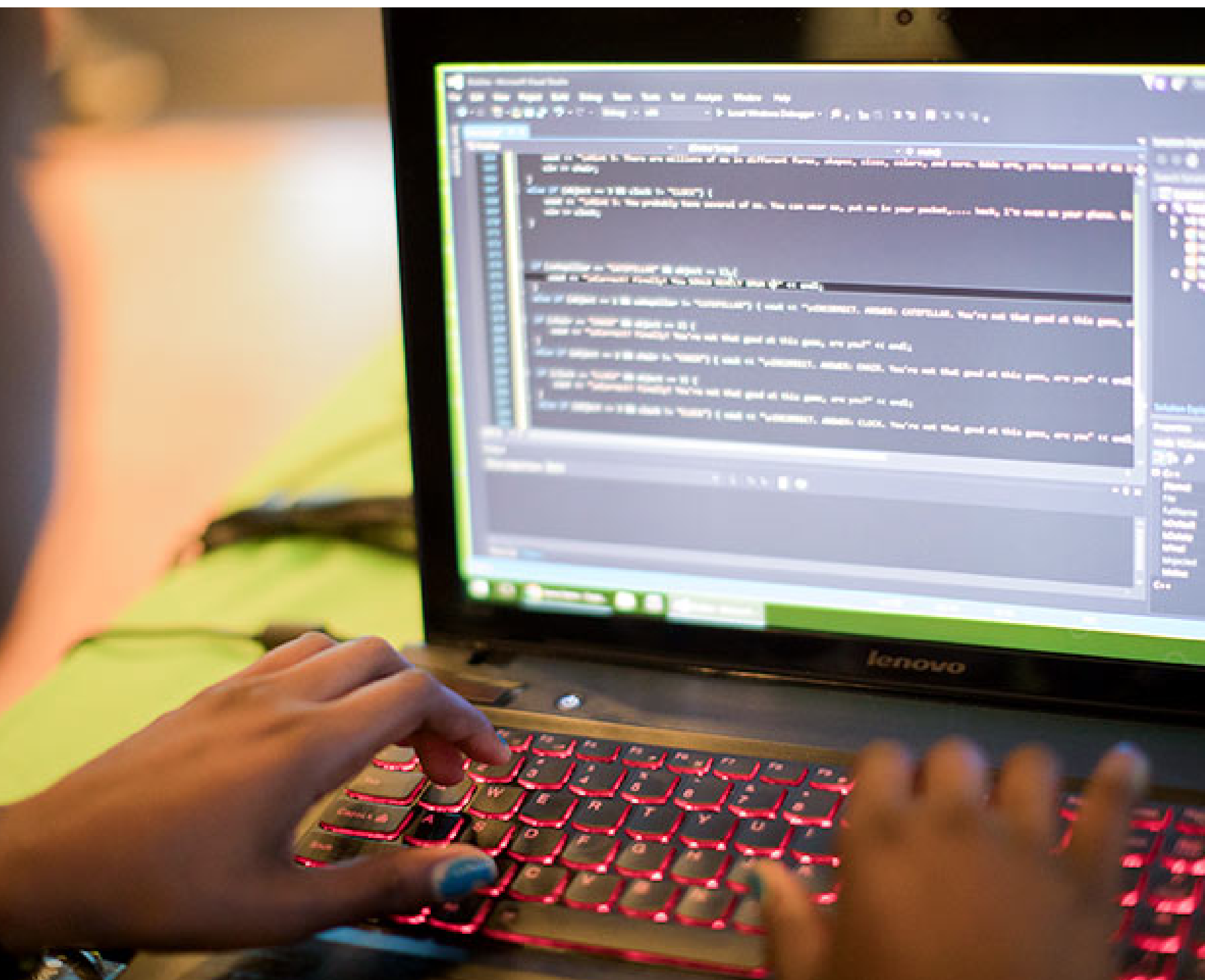
SKILL LEVEL: Beginner–Advanced

PATH: Coding, Game Development

EXPERIENCE: iD Tech Camps | Weeklong

PREREQUISITE: See course description

TOOLS: C++, Microsoft Visual Studio Community



Develop and Code Games with C++

Course Description

Take C++ game design to the next level by adding graphics to your programs. Use a graphics library to create arcade games in one of the world's most popular programming languages. Jump-start a game programming career while using the industry-standard Microsoft Visual Studio Community to create impressive projects.

Proficiency in algebra: knowledge of variables, integers, and absolute values, and ability to evaluate algebraic expressions using order of operations and the distributive property.

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In this course, your student will:

- Work with variables, strings, and characters and use mathematical algorithms
- Utilize graphics libraries to add visuals to games
- Read user input and print output to the screen
- Use logic and code skills to solve programming challenges

Your student will take home:

- Project files

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