

# Modern C++ Tutorial Series



# Why C++?

- Very fast runtime
- Established in the Industry
- High Level & Low Level
- Does not get in your way
- C++ can do whatever you want
- C++ won't go anywhere!

# Why this Playlist?

- My personal take
- Using modern C++23 Syntax
- Project Focused
- Dependency Management
- CMake Build System Generator
- Testing / Debugging
- Popular Libraries



# Tools Used

- C++23
- Clang Compiler
- CMake + Ninja
- Visual Studio Code
- Windows or Linux
- SDL3 and ImGUI
- Github

# Rough Content Overview

- CMake for cross platform builds
- CPM as a package manager
- Basic C++ Syntax
- CI/CD
- Algorithm header and the STL
- ImGui and SDL3
- As much of C++23 as I can
- Many Projects

Let's get started!