

Roy Watson

Phone: (802) 735-1500

P.O. Box 3298, Burlington, Vermont 05408

rwatson@roywatson.com

www.roywatson.com

<https://www.linkedin.com/in/roywatson3>

Introduction:

I have been specializing in C/C++ development for well over 25 years. I have witnessed the growth and evolution of its development ecosystem.

View/Download my project history at:

https://download.roywatson.com/Roy_Watson--Project_History_c.pdf

C/C++ Development Skills/Experience examples:

Platforms: Desktops, Servers, IoT, Embedded.

OS's: Windows, Linux desktop GUI, server, embedded Linux, RTOS, bare-metal.

IDE's: JetBrains CLion, MS VS, Microchip MPLAB, Arduino IDE, Xcode

Other Dev Tools: Code Sanitizers, Code Coverage tools, Selenium, WebDriver

Test Equipment: Oscilloscopes, Logic Analyzers, Spectrum Analyzers, Multimeters

Libraries: FFmpeg, OpenCV, V4L

Protocols: TCP/IP UDP, Multicast, Sockets, REST, HTTP, JSON, XML, YAML, Wifi, BT/BLE

Other Languages: Golang, C#, Java, Kotlin, SQL, Python, Dart, Rust

Other platforms: Docker, Android, iOS/ipadOS, Flutter interop

Team Tools: Git/Github, Jira, Slack, Confluence, Figma

Industry Experience: Financial, Healthcare, Homeland Security, Aerospace, Video and Audio Processing and Delivery, Real Estate

Other Skills: 3d Printing, Project Architecture, Multi-platform interop, Project Management, Team Building

Misc:

Education:

Purdue University

Major: Physics

Member of Mensa. FCC Licensed Amateur Radio Operator, Sailor, Scuba Diver, Pilot.

My LinkedIn profile:

www.linkedin.com/in/roywatson3

My github profile

<https://github.com/roywatson>