Jackson Campolattaro

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in jacksoncampolattaro
JacksonCampolattaro

Self-motivated Computer Engineering Student with an enthusiasm for Open Source and a strong work ethic. Seeking a position as part of an established software development team.

Education

Sophomore at Virginia Tech

Pursuing a major in Computer Engineering with a minor in Computer Science

98 Credit Hours Earned

Anticipated graduation Spring 2022 or earlier

Courseload

Applied Software Design (Level 3 C++)
Unix for Engineers (Linux, Bash)

Skills

Languages

C++.   **5 Years**

Libraries: Catch2, libsigc++, OpenMP, Intel TBB, Posix Threads, Gtkmm, Qt, OpenGL, GLFW, Magnum, CLI11, spdlog

- Unit testing
- Event handling
- Concurrency
- Smart Pointers
- Interface Construction
- Argument Parsing
- Multi-level Logging
- 3d SceneGraphs
- Framebuffers

Java:

- Unit testing (JUnit)
- Event handling

Others: C, x86 Assembly, Verilog, HTML + CSS / Sass, Octave / Matlab

Tools

Git	Eclipse	Valgrind	Doxygen
Linux	GCC	Perf	JavaDoc
CLion	Javac	VirtualBox	Markdown
intelliJ	Cmake	Vagrant	LaTeX
PHPStorm	Make	Ansible	
Vim	GDB	Bash Scripting	

Experience

Employment

Innovation Committee, *Telos Corporation*.   **June 2019–August 2019**

Worked in a 7 person group of interns researching the viability of future software security products. Built the frontend of a replacement for Telos' employee intranet solution.

Capstone Program, *Janelia HHMI*.   **May 2018**

Worked with engineers and other students designing LabView based software and equipment to be used by medical researchers at Janelia.

Math Tutor, *Self-employed*.   **September 2016–June 2019**

Coach, *Brambleton Kids Run The Nation*.   **March 2014–March 2018**

Projects