


 (703) 772-1748
 jackcamp@vt.edu
 jacksoncampolattaro
 JacksonCampolattaro

Jackson Campolattaro

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 Experience

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

- Unit testing
- Signals & Sinks
- Concurrency
- Smart Pointers
- Interface Construction
- Argument Parsing
- Multi-level Logging
- 3d SceneGraphs
- Framebuffers

Others.

In Order of Experience

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

Tools

Git	intelliJ	Make	Perf	Ansible	Markdown
Linux	Vim	GDB	VirtualBox	Bash	L ^A T _E X
CLion	Cmake	Valgrind	Vagrant	Doxygen	

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

N-body, C++.

July 2018–Present

Built a multi-threaded dynamical simulation tool to build familiarity with optimization, build tools, design patterns, and libraries.

Ansible provisioning, YAML, Bash.

November 2019–Present

Assembled a set of Ansible tasks which streamline the process of configuring my build environment on a new computer.