

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++:

- Unit testing (Catch2)
- Event-driven programming (libsigc++ & Qt)
- Concurrency (OpenMP, TBB, Posix)
- Smart pointers
- Interface design (Gtkmm, Qt)
- 3D Graphics (OpenGL, GLFW, Raylib, Qt3D, Magnum)

Java:

- Unit testing (JUnit)
- Event-driven programming (Curriculum-specific libraries)

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 | |

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**

Scheduled appointments and worked with approximately 20 different students 4th-9th grade to help them with subjects they struggled with.

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

Assisted coaches in and out of practices, encouraging students ages 5-14.