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

Employment

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

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May 2018	**Capstone Program**, *Janelia HHMI*.
	Worked with engineers and other students designing LabView based software and equipment to be used by medical researchers at Janelia.
September 2016–June 2019	**Math Tutor**, *Self-employed*.
	Scheduled appointments and worked with approximately 20 different students 4th-9th grade to help them with subjects they struggled with.
March 2014–March 2018	**Coach**, *Brambleton Kids Run The Nation*.
	Assisted coaches in and out of practices, encouraging students ages 5-14.

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