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in 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++:
- 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	
	o Git
	o CLion, intelliJ, PHPStorm, Vim, eclipse
	o GCC, Javac
	o Cmake, Make
	o GDB, Valgrind, Perf
	o Linux (Fedora, CentOS)
	o VirtualBox, Vagrant
	o Ansible Playbook, Bash Scripting
	o Doxygen, JavaDoc
	o Markdown, LaTeX

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.