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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

- | | | | |
|------------|-----------|------------------|------------|
| ○ 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.