

Spencer Brown

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Summary

Energetic and enterprising student developer with a passion for software.

Skilled at quantifying diverse problems and finding solutions; experienced at developing in a team-environment.

Education

- Kennesaw State University
- Graduating Spring 2021
- Bachelor of Science in Computer Science
- 3.8 GPA

Work Experience

Software Engineer, 8/2018 to Present | Georgia Tech Research Institute – Atlanta GA

Designed and developed a replacement for a complex, legacy software system, considering software requirements, hardware limitations, and concerns such as environmental conditions and data persistence.

Projects

ELF (Executable Linkable Format) parsing utility for use in a UEFI Bootloader.

Automatic porch-light – AVR microcontroller-based.

2d games in C++ with the SFML toolkit and OpenGL.

Various scripts to simplify development tasks, such as build/deployment tools and code style-checkers.

Extra-curricular Involvements

Homebrew Computer Club

A diverse group of students, majoring in Computer Science, Software Engineering, and Electrical & Computer Engineering, interested in exploring the fascinating systems we all use constantly, such as Compilers, Networks, and more.

Strengths

- Languages: C, C++, Python, Java, some experience with Fortran, Ada, Haskell, Rust
- Software
 - Git, Mercurial, SVN,
 - CMake, Autotools, Meson
 - Linux, Windows, TI ARM Toolchain
 - Docker, Jenkins, Ansible