

# 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, Minor in Mathematics
- 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

Type-checker for the typed lambda calculus.

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.

## Strengths

- Languages: C, C++, Python, Java, C#, Haskell, Rust, Erlang, some experience with Scala, Ada, OCaml, Fortran, Prolog, Idris, F#
- Software
  - Git, Mercurial, SVN,
  - TLA+, Alloy
  - CMake, Autotools, Meson
  - Linux, Windows, TI ARM Toolchain
  - Docker, Jenkins, Ansible