# Daniel Grinshpon

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github.com/grinshpon grinshpon.github.io codeberg.org/grinshpon

## OBJECTIVE

Programmer looking to expand and apply my knowledge of computer science and engineering, as well as apply my skills by finding career or research opportunities.

## SKILLS

- **Languages**: Haskell, ReasonML, Javascript, C, C++, C#, Java, Lua
- **Tools**: Git, Cabal, Nix, Unity, Blender, Love2d, Revery, LaTeX
- **Operating Systems**: Linux (Mint, Debian, CentOS, Void), Windows (7,10)

## PROJECTS

- **GSU Hackathon 2019**: My group received first place for implementing a map service to display local job postings, transportation, and daycares for lower income populations.
- **Foray**: A stack-based concatenative interpreter, written in Zig.
- **Nomad Space**: A 3d software renderer, written in C++.
- **Titan Project**: A 3d representation of Saturn's largest moon, Titan, made in the Unity engine.
- **Mask Off**: Stealth game demo made during Spooktober jam, using Unity engine.
- **Gunslinger (contributor)**: A graphics framework written in C by John Jackson. I helped solve a bug with mouse movement.
- More projects can be viewed on github.com/Grinshpon, codeberg.org/Grinshpon, and tetrad-softworks.itch.io

## EXPERIENCE

**Layer 3 Communications**  Atlanta, GA                              *May 2019 - August 2019*
*Intern*
- Developed a tool to automate provisioning of optical network terminals (ONTs).
- Primarily written in Haskell, with parts of the frontend web app written in Javascript.
- Project was for one of the company's clients: an ISP in Tennessee.

**Georgia State University Math Department**  Atlanta, GA           *September 2018 - February 2020*
*Student Assistant*
- Helped tutor and supervise a computer lab used for hybrid math courses.
- Administered quizzes and tests.
- Used software to record student enrollment and attendance.

**Georgia State University Computer Science Department**  Atlanta, GA   *February 2020 - March 2021*
*Student Assistant*
- Working with research program, helping in setting up servers and services.
- Working with iRods, and utilizing its rules language.
- Added and fleshed out documentation.

## EDUCATION

**Georgia State University**                                        *Expected Graduation May 2024*
B.S in Computer Science
Coursework: Principle of Computer Science, Data Structures, Computer Organization and Programming, System Architecture, Software Engineering, Discrete Mathematics, Linear Algebra