

Jack Brower
<https://brower.xyz/>

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EDUCATION

- **Florida State University** Tallahassee, FL
Bachelor's of Science in Computer Science; cGPA: 3.5 *June 2021 – Apr. 2024*
- **Santa Fe College** Gainesville, FL
Associate's Degree *Aug. 2019 – Apr. 2021*

EXPERIENCE

- **Office of Criminal Conflict and Civil Regional Counsel, 1st Region** Gainesville, FL
Volunteer *Dec. 2019 – June 2021*
 - **Website Administration:** Updated the webpage of the 1st Regional Counsel to include information (according to certain standards), when required. Also instructed supervising employees on how to update webpages, upload media, etc. independently.
 - **Hardware & Software Support:** Tasked with setting up and relocating computers, monitors, standing desks, projectors, and other miscellaneous items. Also assisted with software complications such as those that were online, with peripherals, and in Windows-based applications.
 - **General Assistance:** Took part in general daily secretarial duties such as organization, file copying, and recordkeeping, all of which required various degrees of independent thinking.

PROJECTS

- **CChip8:** Interpreted programming language emulator based on Chip-8 and written in C++. Functions by mimicking the specifications of a Telmac 1800, which is compatible with the Chip-8 language without being significantly limiting.
<https://github.com/jackbrower/cchip8>
- **ErrorHide:** A VSCode extension which hides error notifications on a successful compile. Initially intended for use with L^AT_EX as minor errors would generate several notifications, which would go unhidden until manually clicked on.
<https://github.com/jackbrower/NotifHide>
- **LQC:** Debian and Arch-compatible bootstrapping script written in POSIX Shell with the purpose of quickly installing and compiling personal configs, primarily based on personal configurations of st, a terminal emulator, and dwm, a desktop environment. Works after the initial configuration of a minimal operating system (i.e. base Debian and base Arch) and can be called by a user with curl.
<https://github.com/jackbrower/LQC>
- **brower.xyz:** A portfolio website written with the express purpose of being as lightweight as possible without compromising on modern features such search engine optimization or quality-of-life JavaScript additions.
<https://brower.xyz/>

SKILLS

Languages: C++, C, JavaScript, Lua, Python, POSIX Shell

Technologies: Git, *nix-based OS, Electron