

Devin Pohl

5707 Zinfandel St – Greeley, Colorado – United States

📞 (505) 419-1052 • ✉ devin.pohl@colostate.edu • ✉ pohl.devin@gmail.com
🐙 Shizcow • 🏠 Shizcow • 🌐 www.pohldev.in

I am a 3rd year undergraduate Computer Engineering student at Colorado State University pursuing a Bachelor's degree.
I have a passion for programming and electronics, driven to better the world through open source and cutting-edge applications.

Education

- **Colorado State University** **Fort Collins, CO**
Bachelor of Science in Computer Engineering, Minor in Computer Science *Graduating May 2022*
 - **Relevant Coursework:** Analog and Digital Circuit Construction, VSLI, Software Engineering, Low Level Programming, Robotics, Data Structures and Optimization, Signals and Systems
 - **ECE Outreach:** Exciting Middle and High School students about Electrical and Computer Engineering by teaching seminars on programming, leading in-class workshops on robotics, and building eye-catching electronics demos

Technical Skills

- **Programming Languages:**
 - Procedural ARM Assembly, Bash, C, Fish, Matlab, **Verilog**
 - Object-Oriented Arduino, **C++**, Java, **JavaScript**, Python, **Rust**, VBS
 - Functional Lisp, Elisp, **LaTeX**
- **Libraries and Frameworks:**
 - Graphical Native X11, XCB, Cairo, Pango, GTK, Qt, Android API, ncurses
 - Computational GMP, OpenCL, OpenGL, Sagemath
 - Web Based ReactJS, VueJS, NodeJS, ExpressJS, jQuery

Work Experience

- **Software Engineering Intern** **Fort Collins, CO**
Hewlett Packard Enterprise – NonStop Manageability Team *May 2020 – Aug 2020*
 - Improved and optimized OSM, the main application for maintaining, updating, and upgrading NonStop servers
 - Migrated critical security procedures from CLI to GUI, cutting down on time overhead and human error for end-users
 - Worked in Java, using Swing, AWT, RMI, and several internal HPE libraries
- **Programming Instructor** **Fort Collins, CO**
Tech Corps *Jul 2019 – Aug 2019*
 - Lead multiple week long summer camps aimed at Middle and Elementary School Children
 - Prepared and delivered material covering programming fundamentals, theory, and applications
 - Delivered lessons and projects in Scratch, MIT App Inventor, and Python
- **Accounts Receivable Admin** **Fort Collins, CO**
Centennial Consulting Group *Jun 2019 – Sept 2019*
 - Posted payments for homeowners and organizations, prepared deposits, and processed change of ownership
 - Wrote, tested, and shared time-saving software across the company

Notable Projects

- **dmenu-rs** **v5.5.0 Released Nov 2020**
🐙 *Shizcow/dmenu-rs* 🏠 *arch::aur::dmenu-rs*
 - A program launcher, unit-aware calculator, spellchecker, search engine dispatcher, and general purpose menu for Linux
 - A port of the popular GNU utility dmenu to Rust, offering increased speed, lower memory usage, and extensive plugin support
 - Over 1000 users and 100+ stars on GitHub
- **CSU Scheduler** **v1.12.2 Released Jan 2020**
🐙 *Shizcow/csu-scheduler* 🌐 *www.csuscheduler.com*
 - Unofficial class schedule editor for Colorado State University
 - Create, test, save, and share schedules in one powerful tool
- **Miscellaneous Rust Projects:**
 - emoji-rs: Info and metadata on all 3511 emojis with annotations in 143 different languages 🐙 *Shizcow/emoji-rs*
 - override-rs: Overriding functions, methods, and more for compile-time feature modification 🐙 *Shizcow/override-rs*
 - proc_use: Complex compile-time procedural imports and dependency management made easy 🐙 *Shizcow/proc_use*