Devin Pohl

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 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
  - overrider-rs: Overriding functions, methods, and more for compile-time feature modification   Shizcow/overrider
  - proc_use: Complex compile-time procedural imports and dependency management made easy   Shizcow/proc_use