

# Devin Pohl

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I am a undergraduate Computer Engineering student in my junior year of a Bachelor's degree at Colorado State University.  
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:** Circuit Theory and Application, Software Engineering, Low Level Programming, Data Structures, Electricity and Magnetism, Robotics, Sensors and Systems
- **ECE Outreach:** Exciting Middle and High School students about Electrical and Computer Engineering with projects, workshops, and lessons on programming and electronics
- **Ram Robotics Club:** Experience with all aspects of robotics including design, implementation, and manufacturing

## Technical Skills

### ◦ Programming Languages:

- Procedural **ARM Assembly**, Bash, C, Matlab, Verilog
- Object-Oriented Arduino, **C++**, Java, **JavaScript**, Python, **Rust**, VBS
- Functional Lisp, Elisp, **LaTeX**

### ◦ Libraries and Frameworks:

- Web Based ReactJS, VueJS, NodeJS, ExpressJS, jQuery
- Graphical Native X11, GTK, Qt, Android API, curses
- Computational GMP, OpenCL, OpenGL, Tensorflow

### ◦ Software:

- CAD and Animation Blender, Solidworks
- Technical Quartus, LabView

## Work Experience

### Software Engineering Intern

Fort Collins, CO

- *Hewlett Packard Enterprise - NonStop Team*

May 2020 – Present

- Developed, integrated, and collaborated on mission-critical software for HPE NonStop systems

### 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 deployed time-saving software across the company

### Programming Instructor

Fort Collins, CO

- *Tech Corps*

Jul 2019 – Aug 2019

- Lead 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

## Notable Projects

### dmenu-rs

v5.0.1 Released Jun 2020

- 🐙 *Shizcow/dmenu-rs*

🏠 *arch::aur::dmenu-rs*

- A pixel perfect port of dmenu, the popular GNU utility for dwm and i3, rewritten in Rust
- Offers lower memory usage, increased speed, and extensive plugin support

### CSU Scheduler

v1.12.2 Released Jan 2020

- 🐙 *Shizcow/csu-scheduler*

🌐 *www.csuscheduler.com*

- Unofficial schedule editor for Colorado State University
- Create, test, save, and share schedules in one powerful tool

### smatrix

v1.1.1 Released Apr 2020

- 🐙 *Shizcow/smatrix*

🏠 *arch::aur::smatrix*

- "The Matrix" terminal wallpaper, but it's live-updating stock prices