

Devin Pohl

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🐙 Shizcow • 🌐 www.pohldev.in

I am a undergraduate Computer Engineering student in my sophomore 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, \LaTeX

◦ Libraries and Frameworks:

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

◦ Software:

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

Work Experience

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

Sales Representative

Farmington, NM

- *Sprint by BrightStar*

Jan 2019 – May 2019

- Performed electronic and software repairs on phones and tablets
- Maintained overwhelmingly positive reviews by customers and clients

Notable Projects

CSU Scheduler

v1.12.2 Released Jan 2020

- 🐙 *Shizcow/csuscheduler*

🌐 www.csuscheduler.com

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

Rustracer

Ongoing

- 🐙 *Shizcow/rustracer*

- A GPU-accelerated Whitted ray tracer written in Rust leveraging GTK and OpenCL

◦ Cad Projects

- Solidworks – Megaminx Render and solve 📺 youtu.be/vw6sNYsvsBU
- Blender – VEX Dual Differential Transmission Render 📺 youtu.be/SVo7KuS9RZo
- Blender – Textured Single Source Static Transmission Render 📺 youtu.be/u3VCtng2CNw