

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, with a drive to better the world through open source and cutting-edge applications.

Education

Colorado State University

Fort Collins, CO

Graduating May 2022

- *Bachelor of Science in Computer Engineering, Minor in Computer Science*
 - **Relevant Coursework:** Circuit Theory and Application, Software Engineering, Low Level Programming, Data Structures, Electricity and Magnetism, Robotics, Sensors and Systems
 - **CSU Circuits:** Outreach program to Middle and High Schools aimed at exciting future Electrical and Computer Engineers through projects, demos, workshops, and lessons on programming and electronics
 - **Ram Robotics Club:** Experience with all aspects of robotics, from design, to implementation, to marketing

Technical Skills

- **Programming Languages:**
 - Procedural (Assembly, Bash, C, Matlab, Verilog)
 - Object-oriented (Arduino, C++, Java, JavaScript, Python, Rust)
 - Functional (Lisp, \LaTeX)
- **Libraries and Frameworks:**
 - Web Based (ReactJS, VueJS, NodeJS, ExpressJS, jQuery)
 - Graphical (GTK, Qt, Android API)
 - Computational (OpenCL, OpenGL, Tensorflow)
- **Software:**
 - Computer Aided Design / Animation (Blender, Solidworks)
 - Technical (Quartus, LabView)

Work Experience

Accounts Receivable Admin

Fort Collins, CO

Jun 2019 – Sept 2019

- *Centennial Consulting Group*
 - 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

Jul 2019 – Aug 2019

- *Tech Corps*
 - Lead week long summer camps aimed at Middle and Elementary School Children
 - Prepared and delivered material covering programming fundamentals, theory, and applications
 - Covered material and projects in Scratch, MIT App Inventor, and Python

Sales Representative

Farmington, NM

Jan 2019 – May 2019

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

Notable Projects

CSU Scheduler

v1.12.1 Released Jan 2020

🌐 www.csuscheduler.com

- 🐙 [www.github.com/Shizcow/csu-scheduler](https://github.com/Shizcow/csu-scheduler)
 - Unofficial schedule editor for Colorado State University
 - Create, test, save, and share schedules in one powerful tool

Rustracer

Ongoing

- 🐙 [www.github.com/Shizcow/rustracer](https://github.com/Shizcow/rustracer)
 - A GPU-accelerated Whitted ray tracer written in Rust leveraging GTK and OpenGL

Cad Projects

- Solidworks – Megaminx Render and solve 📺 www.youtube.com/watch?v=vw6sNYsvsBU
- Blender – VEX Dual Differential Transmission Render 📺 youtu.be/SVo7KuS9RZo
- Blender – Textured Single Source Static Transmission Render 📺 youtu.be/u3VCtng2CNw