

Devin Pohl

5707 Zinfandel St – Greeley, Colorado – United States

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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

- *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
- **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)
 - Other (L^AT_EX, Befunge, BF, Whitespace)
- **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

- *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 Middle and Elementary School summer camps in Scratch, MIT App Inventor, and Python
- Prepared and delivered material covering programming fundamentals, theory, and applications

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

v1.12.1 Released Jan 2020

- 🐙 www.github.com/Shizcow/csu-scheduler

🌐 www.csuscheduler.com

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

Rustracer

Ongoing

- 🐙 www.github.com/Shizcow/rustracer

- A GPU accelerated Whitted ray tracer written in Rust

Cad Projects

- Solidworks – Megaminx Render and solve 📺 www.youtube.be/vw6sNYsvsbU
- Blender – VEX Dual Differential Transmission Render 📺 youtu.be/SVo7KuS9RZo
- Blender – Textured Single Source Static Transmission Render 📺 youtu.be/u3VCtng2CNw