Devin Pohl

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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 (LaTeX, 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.youtu.be/vw6sNYsvsbU
  - Blender – VEX Dual Differential Transmission Render   🎥 youtu.be/SVo7KuS9RZo
  - Blender – Textured Single Source Static Transmission Render   🎥 youtu.be/u3VCtng2CNw