

Quinn Halvorson

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Relevant Experience

September 2024 - September 2025

CSU Engineering Success Center - Peer Mentor

- I tutored students in STEM Classes
- I planned and organized CSU community programs

September 2024 - PRESENT

CSU Electrical Engineering Outreach - Member

- Made engineering based lesson plans for students in 6-12
- Made & maintained demos used to teach K-12 students

Other Experience

August 2019 - May 2022

First Robotics Team 4388 (Ridgebotics) - Electronics lead

- Maintained and upgraded previous years' robots
- General labor and manufacturing
- Created Large assemblies in Solidworks

Promoted to team electronic lead

2020

- Supervised and trained electrical team members
- Managed buy lists and maintained project budget
- Designed, manufactured and assembled electromechanical systems
- Created a Hot swap system for control electronics

August 2018 - May 2020

Fort Collins High School Maker Space - Lead Intern

- Managed maker space and VR lab
- Led a group of interns to solve problems around the school
- Created lesson plans to teach students 3D printing
- Helped prepare grants to fund the maker space and its projects

Skills & Softwares

- PCB Design
Kicad
- Circuit simulation
Cadence and LTspice
- Solidworks
CSWA- 2019, CSWP- 2025
- Microsoft Products
Word, Excel, PowerPoint, Teams
- Adobe Products
Photoshop, Lightroom, Premiere Pro
- 3D Printing
SLA and FDM machines
Cura and Slic3r derivatives
- Fabrication
Manual Milling Machines, Lathes
and CNC Milling Machines
Limited mig and stick welding
Plasma cutting and oxy cutting

Education

Colorado State University

- Electrical & Biomedical
Engineering
Junior, 2022- expected:2027

