

Caedmon Farmer

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SUMMARY

Electrical engineering junior with experience in robotics, software engineering, and CAD software. Well-versed in C++, Verilog, MATLAB, and GitHub. Certified SOLIDWORKS Design Expert. Interested in computer hardware development, PCB design, and control systems. Looking for an internship during the spring or summer of 2027.

EDUCATION

Colorado School of Mines

Bachelors of Science in Electrical Engineering

May 2028

3.9 GPA

WORK EXPERIENCE

Freedom Street Social

Delivery Driver

August 2025 - Present

Arvada, CO

- Coordinated and tracked orders across multiple food vendors for efficient delivery
- Maintained accuracy and timeliness in customer delivery
- Efficiently trained multiple driver employees and front-of-house staff

Book and Brew

Barista

September 2024 - Present

Colorado School of Mines, Golden, CO

- Delivered high-quality service in a fast-paced café environment
 - Memorized and produced a wide range of custom beverages effectively
 - Ensurance of drink and coffee quality and consistency
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ENGINEERING EXPERIENCE

Mines Formula

Software Engineer

Fall 2024 - Spring 2025

Colorado School of Mines, Golden, CO

- Developed software used in car performance analytics for displaying real time dynamometer data
- Worked in collaboration with large teams and subunits to solve problems
- Effectively used Github and Slack to track team progress and needs

Eaglecrest STEM Projects

Software Engineer

Fall 2023 - Spring 2024

Eaglecrest High School, Aurora, CO

- Self-directed and delivered project to build a discrete physics simulation engine in C++
- Researched and applied discrete physics simulation equations to ensure model accuracy
- Documented progress through GitHub version control and Google Sites daily logs

FIRST Robotics

Team 3200 Programmer

Fall 2023 - Spring 2024

Eaglecrest High School, Aurora, CO

- Programmed finite state machine interfaces for autonomous robot routines
 - Learned GitHub build pipeline fundamentals and applied effective version control
 - Created technical documentation in Markdown to onboard future team members
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SKILLS

Programming: Python, C#, C++, Verilog, MATLAB, HTML, CSS, Markdown, Mermaid

Computer: SolidWorks (CSWE Certification), Github, Trello, Slack, Google Docs, Google Sheets, Excel

Professional: Customer Service, quick learner, punctual, interpersonal communication skills, willing to learn

Management: Project management, employee training, managerial assistance, task prioritization