

# Owen Harrison

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owenharrison.github.io

## EDUCATION

### University of Colorado, Boulder

AUGUST 2023 - PRESENT

BS in Mechanical Engineering - 3.44 GPA  
CU Cornhole Club, CU Mountain Biking Club  
Expected graduation date: May 2027

## PROJECTS

### Retro Nightstand Clock, Boulder — *Personal*

SEPTEMBER 2024 - PRESENT

- Designed an pseudo-multithreaded timekeeping system to facilitate aesthetic and proper usage of electromechanical 7 segmented displays
- Ported final system onto smaller processor for 80% power savings

### Hydro Homie, Boulder — *Projects Class*

AUGUST 2024 - DECEMBER 2024

- Designed and developed a smart hydration tracking water bottle with 5 other team members
- Oversaw CAD, 3D printing, and electronic aspects of the project as well as assembly of alpha, beta, and final prototypes
- Technologies Used: Onshape, Arduino, MATLAB

## EXPERIENCE

### Sales Associate, Denver & Boulder— *Vuori Clothing*

NOVEMBER 2022 - PRESENT

- Maintained an organized and visually appealing sales floor
- Collaborated with 10+ team members to achieve sales goals
- Greeting and assisting customers with their inquiries and requests

### Customer Service, Denver— *CAVA Mediterranean Grill*

JUNE 2021 - MARCH 2022

- Collaborated with 5 kitchen staff to ensure timely preparation
- Maintained a clean and organized dining area

### Junior Camp Counselor, Denver— *First Tee*

JUNE 2019 - AUGUST 2019

- Taught children ages 6-12 about the basics of golf, and etiquette
- Worked alongside 2 other counselors to coordinate daily lessons

## PROGRAMMING

Advanced C/C++

Advanced MATLAB

Intermediate Java

Intermediate GLSL

Intermediate Javascript

Entry-level Python

## PROGRAMS

Advanced SolidWorks

Advanced Arduino

Intermediate Git

Intermediate Onshape

Entry-level KiCad

## LANGUAGES

Intermediate French

Basic Spanish

Basic Japanese