

# TRAVIS BROWN

[github.com/tmb5932](https://github.com/tmb5932) | [linkedin.com/in/tbrown5932](https://linkedin.com/in/tbrown5932) | [tmb5932.github.io](https://tmb5932.github.io)

## OBJECTIVE

Computer Science student seeking Co-op position in software engineering from May 2025 through August 2025.

## EDUCATION

### Rochester Institute of Technology

Bachelor of Science in Computer Science  
GPA: 3.94      2023 - 2028 (Expected)

### Hudson Valley Community

College P-Tech Program  
GPA: 4.0      2019 - 2023

## TECHINICAL SKILLS

### Languages

- Java
- Python
- HTML/CSS
- C++
- C

### Embedded

- Logic Analyzer
- PWM
- ADC
- SPI
- STM32 MCUs

### Tools/Environments

- Git
- GitHub
- Linux

## EMPLOYMENT

### Spire Business, Inc.

Digital Content Asst.    Jul 2024 - Present

### Bj Wholesale Club

Sales Associate      Jun - Aug 2023

### Ridge Terrace Restaurant

Service Support Staff    Jun - Aug 2021

## EXPERIENCE

### RIT Electric Vehicle Team

Embedded Software Engineer      Sep 2023 - present

- Worked with a multidisciplinary team to develop C++ firmware for custom-designed PCBs built on top of the STM32 Hardware Abstraction Layer
- Implemented support for essential peripherals such as PWM, ADC, and SPI on the STM32F4xx series microcontroller, working closely with the HAL
- Applied STM32's CubeMX and CubeIDE to generate rough code and converted it to work with EVT's hardware-agnostic API
- Leveraged manufacturer datasheets to understand and utilize configuration registers properly
- Researched hardware peripheral implementations for PWM and ADC to facilitate debugging
- Employed Kanban principles and methodology for efficient project management

### Reporting MD, Sunapee NH

Internship      Aug 2022

- Completed training on HIPAA compliance, Scrum methodology, and customer data reporting
- Gained exposure to various software development roles and technologies
- Acquired hands-on experience with SQL databases, flat file databases, and ETL processes
- Learned the basics of flat file databases and their applications
- Developed understanding of business logic and its application in coding practices