

# TRAVIS BROWN

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## OBJECTIVE

Seeking Co-op internship 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

## WORK EXPERIENCE

### Spire Business, Inc.

Digital Content Asst.    Jul 2024 - Present

- Optimized meta data and SEO for blogs
- Used HTML/CSS to customize websites

### BJ Wholesale Club

Sales Associate      Jun - Aug 2023

- Answered customer questions
- collaborated to streamline rush hours

### Ridge Terrace Restaurant

Service Support Staff    Jun - Aug 2021

## PROJECTS

### 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
- Integrated 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
- Researched hardware peripheral implementations for PWM and ADC to facilitate debugging
- Employed Kanban principles and methodology for efficient project management

### My Casino

Personal Project

Feb 2024 - present

- Designed Kwzii Casino, a Java and JavaFX-based application simulating various casino games such as Blackjack or Slots.
- Utilized the Model-View-Controller (MVC) design pattern to separate game logic, user interface, and data management.
- Applied Object-Oriented Programming (OOP) principles to structure the codebase, enhancing maintainability and scalability.
- Managed project version control using Git and GitHub.

### 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
- Developed understanding of business logic and its application in coding practices