

# Michael Beehler

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## Summary

Computer Science student at the University of Tampa with a 4.0 GPA pursuing software engineering opportunities. Experience developing a full-stack academic journal platform in a collaborative team environment using Git-based workflows, and a Semi-Autonomous Delivery Robot using Arduino and Raspberry Pi systems. Interested in computation, physics, and scalable software systems.

## Education

The University of Tampa, Tampa, FL  
Bachelor of Science: Computer Science

August 2023–May 2027  
GPA: (4.0)

## Professional Experience

### **Roxbury Sugar Shack**

Queens, NY

#### ***Summer Season Manager***

May 2023–August 2024

Efficiently prepare and serve food to customers, train new employees, and ensure a great customer experience.

- Learned valuable communication skills in a fast-paced environment by preparing customers orders in an efficient manner, minimizing customers' wait time and improving satisfaction.
- Effectively trained new employees through an emphasis on hands-on training, resulting in more competent workers and a better customer experience.

## Activities and Projects

### **Semi-Autonomous Delivery Robot**

Tampa, FL

#### ***Hardware Developer***

August 2025–May 2026

Developed an embedded robotic delivery platform using Arduino and Raspberry Pi systems for semi-autonomous route-following and motor control.

- Implemented and tested sensor integration, motor control logic, and real-world movement performance across multiple surface types.
- Collaborated within hardware and software subteams using Git-based workflows and sprint-based development practices.

### **The University of Tampa Criminology Institute for Research and Training**

Tampa, FL

#### ***Full-Stack Developer***

January 2025–May 2025

Collaborated with a small development team using GitHub version control and shared documentation practices while contributing to an academic publishing platform.

### **Roxbury Volunteer Fire Department**

Queens, NY

#### ***Volunteer First Responder***

July 2022–Present

Respond to emergencies within the Breezy Point, New York area, assisting firefighters and paramedics in their duties wherever possible.

- Experienced working as a cohesive team with professionals in order to ensure patient safety and comfort.
- Learned how to focus and thrive in high stress situations that require clear communication.

## Honors

Dean's List: University of Tampa (August 2023–Present)

Phi Kappa Phi Honor Society (December 2025–Present)

## Skills

Python | Java | Git | GitHub | Data Structures | Algorithms | Object-Oriented Programming | Team Collaboration | Mathematics (Calculus, Discrete Mathematics, Linear Algebra)