# Education

University of Vermont (Honors College) **Expected Graduation: May 2024**

Bachelor of Science in Computer Science and Information Systems  **GPA 4.0**

## Technical Skills: C++, Python, Java, Git Hub, HTML, CSS, and PHP, SQL, Microsoft Office, Google Suite

Relevant Coursework: Advanced Programming in C++, Data Structures & Algorithms, Intro to Web Development, Intermediate Programming in Java, Computer Organization, Intro to Database Systems, Leadership and Org. Behavior

# Internship Experience

## Vermont NASA Space Grant Consortium, Burlington, VT

## Intern August 2023 - Current

* Developed logistics skills related to event planning through coordinating programmatic elements and working with associated budgets for solar eclipse events planned for tens of thousands of people
* Aided in website design and renovation planning and execution

## NuHarbor Security, Colchester, VT

## Intern June - July 2023

* Conducted risk and gap assessments for a fictitious client, going through over 100 controls
* Research products offered by the company and formulated an appropriate solution for client, which was presented to a board of 7 executives

# Related Projects

## Friendly Robots, CS 206: Evolutionary Robotics January - May 2023

* Programmed a customizable code base in Python to serve as a physics engine
* Developed and evolutionary algorithm to make two robots always walk towards each other through manipulating their neural networks, joints, and links

## Dijkstra’s Algorithm, CS 224: Algorithm Design and Analysis March-April 2023

* Programmed Dijkstra’s algorithm in Java to strengthen programming skills and understanding of algorithms

**Music Database, CS 195: Intro to Database Design November – December 2022**

* Coded and designed a login-based website with a backend database allowing users to rank songs and see numerical data on their preferences
* Integrated front and back end, acted as the lead on Python and HTML for the two-person project

# Student Leadership

## Society of Women in Computer Science at UVM

**President May 2023 – Current**

* Applied for $16,000 in funding to send 8 students to the Women of Silicon Valley Conference for networking
* Fostered connections with local tech companies through networking opportunities and workplace tours

**Vice President September 2021 – May 2023**

* Led a group of 30+ students in weekly meetings about women in tech and computing career preparation, increasing the community and support for female CS students on campus
* Developed and fundraised for a $5,000 scholarship for female and non-binary students in CS at UVM
* Coordinated the UVM Computer Science Fair, guided judges, and created social media content for an event for over 100 participants

## University of Vermont Admissions Department

## AdvoCat March 2022 - Current

* Aided hundreds of prospective students in their college decisions by leading campus tours
* Served on panels to 500+ prospective students on admitted student days answering questions about UVM
* Guided a dozen co-workers as Tour Tier Captain through scheduling tasks and keeping a positive environment

# Honors and Awards

Outstanding Achievement Award for a Second Year Student, Department of Student Life **2021-2022**

Computer Science Sophomore Award, Department of Computer Science **2021-2022**

**Computer Science Junior Award**, Department of Computer Science **2022-2023**

**Mariafranca Morselli Leadership Award**, Women and Gender Equity Center **2021-2022**