

# Anja Samsom (she/her)

anjasamsom.me | linkedin.com/in/anja-samsom | github.com/AnjaSamsom  
Burlington, VT | asamsom@uvm.edu | (802) 595 5892

## 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