

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: Intermediate Programming in Java, Advanced Programming in C++, Intro to Web Development, Intro to Database Systems, Data Structures & Algorithms, Algorithm Design and Analysis, Computer Organization, Applied Probability, Statistics for Engineers, Calculus 2, Financial Accounting, Managerial Accounting, Decision Analysis, Principles of Macroeconomics, Principles of Microeconomics, Operations Management, Leadership and Organizational 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

Girls Who Code Leadership Academy, Remote

Intern

August 2023 - Current

- Collaborated with 100+ other interns on a "Give Back Project" to benefit the community of women in tech
- Developed communication, networking, leadership, and technical skills through four months of collaboration

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 Systems

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

Cybersecurity Website

CS 166: Cybersecurity Principles

November - December 2022

- Designed and coded a website with a secure login, secure password generator, and three different user permissions
- Secured user data with hashing and protection against cyber-attacks such as XSS and SQL injection

Anja Samsom (she/her)

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

Student Leadership

Society of Women in Computer Science at UVM, Burlington, VT

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, Burlington, VT

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

Tower Society, Burlington, VT

Co-President

May 2023 – Current

- Recruited and welcomed new members
- Planned monthly service and volunteer events for students to give back to the Burlington community

Junior Link

August 2022 – May 2023

- Sustained membership in UVM's oldest honor society for female and students marginalized by their gender identity by being one of two juniors in the senior honor society
- Oversaw the merger of Tower and Boulder Society into the Society of the Old Mill while keeping Tower's core mission and values intact

University of Vermont ResLife, Burlington, VT

Residential Advisor

August 2022 – May 2023

- Guided a hall of 40 students through their school year acting as a mentor, conflict mediator, and connection between UVM ResLife and residents
- Monitored phone and responded to crisis calls, worked with UVM Rescue, Police, and ResLife to keep students safe
- Trained in restorative circles and communication to meet every student where they are and provide a safe environment

UVM TV, Burlington, VT

Social Media Manager

April 2022 – May 2023

- Interacted with 1,600+ followers on Instagram and TikTok by creating and posting content
- Advertised UVM TV events with 100+ attendants and provided live content reporting

Additional Experience

Governor's Institute of Vermont, Burlington, VT

Counselor

June 2020, June 2021, June 2022

- Built math themed activities for 40+ high school students in their GIV experience
- Supported institute director and a team of 8 counselors in the hiring process advertising during the year
- Guided the program through a change from in person to virtual to in person again during the pandemic

Anja Samsom (she/her)

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

Chill Gelato, Montpelier, VT

Assistant Manager

May 2022 – August 2022

- Trained and hired four employees, familiarizing them with the store and practices, increasing communication skills
- Oversaw daily store operations including inventory and cash management
- Made dozens of pints of gelato weekly, developing new recipes while including classic favorites of customers

Gelato Scooper

June 2021 – August 2021

- Served thousands of customers through the busy summer months as the only person in the store, developing customer service and time management skills

Theo Kennedy for House, Montpelier, VT

Campaign Manager

May 2022 – August 2022

- Oversaw general direction of campaign for state election through weekly meetings with candidate and financial advisor
- Overhauled website from dated to modern, using SEO and web accessibility skills
- Answered emails from local news outlet and managed news presence of candidate

Splash Naturals, Montpelier, VT

Customer Service Professional

December 2021 – January 2022

- Aided hundreds of customers daily in their shopping experience, answering questions about beauty products
- Managed restocking of inventory

Onion River Outdoors, Montpelier, VT

Scheduling and Inventory Clerk

June 2020 – August 2020

- Scheduled dozens of bike repair appointments weekly over email and phone, developing communication skills
- Managed inventory by entering hundreds of products into LightSpeed and stocking shelves

Kellogg-Hubbard Library, Montpelier, VT

Library Page

April 2018 – March 2020

- Assisted with daily operations such as shelving books in the children's, adult, and young adult libraries
- Provided book and technology recommendations to library patrons

Girls on the Run, Montpelier, VT

Assistant Coach

March 2018 – June 2018, March 2019 – June 2019

- Mentored 30 elementary school aged students twice a week through a four-month program aimed at increasing confidence and fostering a healthy relationship with exercise and body
- Coordinated events and supervision with two other coaches, guiding them through their first time working with Girls on the Run

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