

Anja Samsom (she/her)

anjasamsom.me | linkedin.com/in/anja-samsom | github.com/AnjaSamsom | Vermont (U.S. Citizen) | anjajt14@gmail.com | (802) 595 5892

Education

University of Vermont (Honors College)

Expected Graduation: May 2024

Bachelor of Science in Computer Science and Information Systems, Minor in Business Administration

GPA 4.00

Skills

Languages / OS: C++, Python, Java, HTML, CSS, PHP, SQL, Pandas, Windows OS, Linux OS, Raspberry Pi OS

Software and Tools: Git Hub, Git Hub Projects, Microsoft Office, Wireshark, Adobe Illustrator, Jupyter Notebooks, VS Code, CLI

Skills: TCP/IP networking, OSI model, OOP, data structures and algorithms, NIST 800-171, communication, leadership, enthusiasm

Internship Experience

Vermont Space Grant Consortium / NASA EPSCoR, Burlington, VT

Intern

August 2023 - Current

- Developed organization skills related to event planning through coordinating all aspects of solar eclipse events to an estimated 200,000 + people
- Presented at the NASA Better Together Conference to 30+ people on the importance of hands-on student research

Girls Who Code, Remote

Leadership Fellow, RTX Leadership Academy

August 2023 - Current

- Engineered a full stack Python web app with Flask to aid users with meal planning and grocery shopping
- Collaborated with 100+ other interns to develop communication, networking, leadership, and technical skills

Teaching Assistant

January – December 2022

- Planned and taught weekly coding lessons in Python, HTML, and Java for 10 K-12 students for a variety of circumstances

NuHarbor Security, Colchester, VT

Intern

June - July 2023

- Conducted risk and gap assessments for a fictitious client, going through over 100 NIST controls to develop an understanding of cybersecurity frameworks and technical research on NIST 800-171, HIPAA, and CIPA
- Researched products to create proposed in budget solution for client and collaborated on a presentation to executives

Related Projects

Friendly Robots

CS 206: Evolutionary Robotics

January - May 2023

- Programmed a customizable Python physics engine used in evaluating the neural networks of embodied AI robots
- Developed an evolutionary algorithm to train virtual robots to learn how to walk towards each other
- Independently conceived and implemented a novel project idea, overcoming challenges of having little guidance on a never done before project

Music Database

CS 195: Intro to Database Systems

November – December 2022

- Collaborated with a peer to code and design a web-based software system with a backend database allowing users to rank songs and see numerical data on their preferences
- Led full-stack development, functioned as the lead on coding in Python and HTML for interactive functions
- Presented project at Computer Science Fair competition to dozens of industry judges

Student Leadership

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

President

May 2023 – Current

- Fundraised and received \$16,000 from grants for 8 students to attend the Women of Silicon Valley Conference
- Fostered connections with local tech companies through networking opportunities and workplace tours
- Coordinated the UVM CS Fair, assisted judges, and created social media content for over 200 participants

Vice President

September 2021 – May 2023

- Led a team of 30+ students in weekly meetings increasing the support for female CS students on campus
- Developed and fundraised a \$5,000 scholarship for female and non-binary students in CS at UVM

University of Vermont Admissions Department, Burlington, VT

AdvoCat

March 2022 - Current

- Aided hundreds of prospective students in their college decisions by leading campus tours and serving on panels
- Guided a dozen co-workers as Tour Tier Captain through scheduling tasks and creating a positive environment

Honors and Awards

Outstanding Achievement Award for a Second Year Student, Department of Student Life

2022

Computer Science Sophomore Award, Junior Award, Department of Computer Science

2022 & 2023

Mariafranca Morselli Leadership Award, Women and Gender Equity Center

2022