

# Morgan Swain

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## Education

**University of Vermont (UVM)**, Burlington, VT

Expected Graduation: May 2023

*Bachelor of Science in Mathematics*

GPA: 3.77

*Minor: Anthropology*

- **Awards:** UVM Trustees Scholarship, Certificate of Community Service, Dean's List: all semesters
- **Technical Skills:** R, SAS, Python, MATLAB

## Relevant Projects

**Burlington Tree Health Project**, Burlington, VT

October 2021- December 2021

*Statistics 187: Introduction to Data Science*

- Collaborated with a team of 3 other students to successfully clean and analyze tree health data, both qualitative and quantitative, from the Burlington City Arborists
- Generated graphs and interactive maps in R to visually represent results

## Relevant Experience

**Forest Ecosystem Monitoring Cooperative (FEMC)**, Burlington, VT

August 2022- Present

*Data Technician Intern*

- Developing proficiency in data management practices including data entry, quality control checks, and computing summary statistics in R
- Supporting on site data collection by conducting field sampling at the Proctor Maple Research Center meteorological station
- Successfully assisting FEMC Interim Director in planning talks and outreach material for the FEMC Conference 2022

**CEMS Peer Mentor**, Burlington, VT

August 2022 – Present

*Student Organization Leader*

- Successfully leading a group of 12 incoming students during a laboratory course titled CEMS 050: First Year Seminar and throughout their first year at UVM
- Coordinating with club leaders to optimize student engagement on campus

**UVM Women in STEM Club**, Burlington, VT

January 2022 - Present

*Networking Chair and Club Member*

- Leading and attending monthly club meetings, fundraising events, and field trips
- Effectively communicating with women in STEM leaders in and around campus

## Additional Experience

**Sweetwaters**, Burlington, VT

April 2022 – September 2022

*Server*

- Provided excellent customer service to 300+ members daily in a large scale, fast-paced environment while effectively communicating with kitchen staff through a POS system

**BYOTogo**, Burlington, VT

January 2021 – June 2021

*Digital Marketing Intern*

- Collaborated with a team of 3 other workers, created original and curated content for social media, wrote blogs and analyzed data for the website