

William Hackett

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Education

University of Vermont (UVM), Burlington, VT

Expected Graduation: May 2023

Bachelor of Science in Computer Science

GPA: 3.36

Minor: Mathematics

Related Coursework: Software Engineering, Database Systems, Web Development, Mobile App Development

Technical Skills

- **Languages:** Python, Java, C++, HTML, CSS, SQL, Swift/SwiftUI, Pandas
- **Version Control:** GitHub, GitLab, Git

Relevant Projects

Spotify Music Visualization using Raspberry Pi and LED Matrix, Burlington, VT Aug 2021-Dec 2021

Lead Developer

- Leveraged Spotify API to develop a Python script for real-time retrieval of data related to the currently playing song on designated account
- Conducted integration of Raspberry Pi with an LED Matrix to showcase the album cover of the currently playing song, utilizing the Python script to download and display the image

Work Experience

University of Vermont, Burlington, VT

Aug 2021 – Dec 2022

Teaching Assistant, Computer Programming I (Python), Intermediate Programming (Java)

- Provided academic support for students struggling with Python and Java
- Gained confidence working with unfamiliar code by grading assignments and exams
- Strengthened programming skills including, Python, Java, and debugging code by helping students with various problems

Burlington Parks, Recreation, and Waterfront, Burlington, VT

May – Oct 2021, 2022

Boathouse Dockmaster

- Enriched customer experience by providing excellent customer service to dozens of boaters daily
- Found creative and efficient solutions to problems in an unpredictable environment

University of Vermont Risk Management and Safety, Burlington, VT

Aug 2019 – May 2020

Work Study Intern

- Renovated file system for the Risk Management Department by upgrading to an online storage solution
- Organized and prioritized work to complete assignments in a timely and efficient manner

Hannaford Supermarket, Milton, VT

Feb 2018 – Feb 2021

Center Store Associate

- Accommodated customer requests to ensure a pleasant experience
- Attained an organized and productive workspace by completing tasks effectively
- Trained 15+ new associates in organization strategies and customer services over 3-year period

Volunteer and Leadership Experience

Member, Vermont Technology Alliance, Vermont

Feb 2023 – Present

Member, UVM Ski and Snowboard Club, Burlington, VT

Sept 2019 – Present

Coach, BFA Fairfax 1st and 2nd Grade Basketball Team, Fairfax, VT

Nov 2016 – Jan 2019