

**William Holzman**  
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## EDUCATION

**Middlebury College**

*Bachelor of Arts Candidate:* Double Major: Molecular Biology & Biochemistry, Computer Science Middlebury, VT  
**GPA:** 3.79; May 2023

**Completed Course Work:** Organic Chemistry, Biochemistry of Metabolism, Data Structures and Algorithms  
**Computer Skills:** HTML, CSS, Python, Java Script, Swift, Excel, PowerPoint, Google Drive

## EXPERIENCE

**Undergraduate Biochemistry Research Assistant**

- Researched HECT-E3 ubiquitin ligase branching specificity French lab, Middlebury, VT
- Gained skills in experimental design and creative problem solving Summer 2021 - Present
- Worked on an independent study researching branched ubiquitin chains
- Formally presented results to peers in the French lab

**Molecular Ecology Research Assistant**

- Established an ongoing study into stress response in smooth chord grass Lisman Labs, Bronx, NY
- Conducted experiments such as PCR, Western Blots, Barcoding and Methylation Assays Summer 2017 & 2018
- Kept a detailed lab notebook on each experiment's procedures

**Molecular Ecology Field Research**

- Gathered samples from Long Term Ecological Research plots at Toolik Field Station Lisman Labs, Toolik Field Station, AK
- Traveled to Arctic Alaska to assist two ongoing Arctic Boreal Vulnerability Experiments (ABOVE) Summer 2018
- Retrieved Spruce samples to study arctic latitudinal tree-line

**Undergraduate Biology Research Assistant**

- Assisted on a Natl. Science Foundation experiment studying moss desiccation Coe Lab, Middlebury, VT
- Watered, inspected and inventoried the dry land mosses February 2020 - April 2020
- Created new samples when mosses were contaminated

**Founder and Co-Leader at VotEd Tech Start Up**

- Led a team of 7 student software developers on a day to day basis New York, NY
- Developed an app to guide new voters through the voting process and help understand the candidate pool September 2018 - October 2020
- Presented product at New York Tech Meet Up 2019

**Middlebury College Residential Life Staff**

- Paid Resident Advisor* Middlebury , VT  
  - Supported and supervised freshman and sophomore students academically and emotionally August 2020 - Present
  - Learned and utilized conflict management skills to mediate resident disputes
  - Created a welcoming and close knit community for residents

**Middlebury College Cook Commons Council**

- Member* Middlebury, VT  
  - Organized and hosted events for students in the Cook commons September 2019 - May 2020
  - Gained experience in leading and running social events
  - Learned how to plan impactful events with minimal costs.

## ADDITIONAL ACTIVITIES

**College Activities:** Pre-Health Society Member, Community Service House, Club Frisbee, Club Volleyball

**High school: Riverdale Country School**

**Activities:** RivTech- Computer Science and Robotics Club, Classics Club, Varsity Rowing Bronx, NY

June 2019