

MADELINE SLATER

4744 Hinman, Hanover NH · (917) 545-3111 · madeline.g.slater.26@dartmouth.edu

EDUCATION

Dartmouth College, Hanover, NH

June 2026

Bachelor of Arts, Major in Computer Science

GPA 3.80/4.0

Relevant Coursework: *The Price System, Financial Accounting, Personal Finance, Discrete Mathematics in Computer Science, Algorithms, Software Design, Problem Solving via Object-Oriented Programming*

Deerfield Academy, Deerfield, MA

June 2022

Honors/Awards: cum laude, Academic High Honors 2021-2022 SAT Scores: 1580 (790 verbal, 790 math)

GPA 94.17

Activities: Captain of Alpine Ski Team; Founder of Mixed Student Alliance; Debate Team

WORK EXPERIENCE

Dartmouth College Department of Computer Science, Hanover, NH

September 2023-December 2023

Teaching Assistant

- Conducted weekly office hours for 200+ students, provided in-depth explanation of class materials and assisted students with homework, labs, exam preparation, debugging, and troubleshooting programs
- Led groups of 8-12 students through weekly drill exercises, guiding students through the coding process and delivering detailed, constructive feedback
- Successfully designed and implemented a tailored support program for students struggling with conceptual understanding aimed at improving coding proficiency and enhancing learning experience and outcomes
- Participated in weekly meetings with professor to improve accessibility of course by reviewing student performance to ensure effective communication of concepts

Hardscrabble Ranch, Bozeman, MT

June 2023-August 2023

Business Development Intern

- Conducted comprehensive market research to expand corporate event opportunities by identifying prospective clients and executing strategic outreach to assess their business needs, preferences, and evaluate partnership potential
- Analyzed client feedback and identified the top five areas for potential service enhancement
- Worked directly with ranch owners to develop targeted partnership proposals that aligned with both client preferences and business objectives

Ted's Montana Grill, Bozeman, MT

June 2023-August 2023

Hostess

- Managed and organized all guest bookings, ensuring system accuracy and tailoring arrangements to accommodate guest preferences and avoid worker overload
- Worked closely with restaurant staff to ensure efficient operation during peak dining hours, assisting with various tasks as needed
- Created welcoming environment and promptly addressed inquiries and/or concerns to maximize guest satisfaction

LEADERSHIP & SERVICE

Dartmouth Ski Patrol, Hanover, NH

September 2022-Present

Volunteer Student Patroller

- CPR and OEC certified technician responsible for responding quickly to emergencies and delivering essential medical services 12 hours/week
- Skilled in organizing and coordinating safety efforts through clear communication with patrollers, lift operators, and various additional departments
- Additionally, conduct regular safety assessments to ensure clear communication of safety guidelines
- One of 15 selected as the result of a 200+ application process spanning 5 months

Dartmouth First-Year Trips, Hanover, NH

September 2023

Trip Leader

- Led multi-day orientation trip for 10 incoming freshmen, easing their transition into the college community
- Established welcoming environment, offered guidance and support, and facilitated open communication and relationship building among group members
- Collaborated with co-leader for duration of trip to meet daily goals and deadlines while fostering a positive and inclusive group dynamic

SKILLS & INTERESTS

Skills: Microsoft Office (Excel, Word, Powerpoint), Python, Java, C, Bash, Git

Interests: Singing, Alpine Racing, Baking, Pi Lambda Sigma (POLIS), Backpacking, Kappa Kappa Gamma Sorority, Interior Design