

# Sophia Rodham

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## Education

<b>Hamilton College</b>   Clinton, NY	May 2027
<i>Bachelor of Arts, Computer Science</i>	
Dean's List (All Terms), Women's Ice Hockey, AHCA All-American Scholar (2024)	
<b>Choate Rosemary Hall</b>   Wallingford, CT	May 2023
<i>High School Diploma GPA: 4.0</i>	
National Hispanic Recognition Program, Dean's List (All Terms)	

## Experience

<b>Hamilton College</b>   Clinton, NY	August 2024 - Present
<i>Women's Ice Hockey Social Media Manager</i>	
<ul style="list-style-type: none"><li>Develop and execute social media strategies across two platforms (<b>Instagram</b> and <b>Twitter</b>) to promote the team, games, and events</li><li>Devote 30 to 120 minutes daily to create engaging content including graphics and videos to support engagement and team branding</li><li>Managed day-to-day social media activities, resulting in a 2.5% boost of Instagram followers in the past 90 days</li></ul>	
<b>Hamilton College</b>   Clinton, NY	June 2024 – January 2025
<i>Physics Research Assistant</i>	
<ul style="list-style-type: none"><li>Calculated specific ratios to create a formula for Lanthanum-doped Strontium Cobalt Oxide (La<sub>0.5</sub>Sr<sub>0.7</sub>CoO<sub>3</sub>)</li><li>Investigated the Perovskite crystal structure for approximately 30+ hours weekly, concentrating on the effects of dopant ions and oxygen vacancies through X-ray diffraction analysis, to further previous research and deepen understanding of structural behavior</li><li>Utilized <b>Origin Software</b> and <b>MDI/JADE Software</b> to evaluate X-ray diffraction patterns, determine structural properties, and collaborate with two other researchers to advance the professor's thesis work, contributing to the refinement of data analysis techniques</li></ul>	
<b>IPH HOCKEY</b>   Northford, CT	June 2021 - August 2024
<i>Camp Counselor</i>	
<ul style="list-style-type: none"><li>Coached youth hockey players aged 5-16 with skill levels ranging from beginner to intermediate for 10 hours a week during the summer</li><li>Created drills, led stations and assisted players while collaborating with 4 to 6 coaches to achieve player summer development goals</li></ul>	

## Leadership Experience

<b>Choate Rosemary Hall Prefecting Program</b>   Wallingford, CT	September 2022 - May 2023
<i>Dormitory Prefect</i>	
<ul style="list-style-type: none"><li>Supported 20+ younger peers to help students adjust to boarding school, attain their goals, and function as a role model</li><li>Dedicated 12 hours per week to checking in on students, helping with difficulties and utilizing school resources in various situations</li></ul>	
<b>Choate Rosemary Hall Athletics</b>   Wallingford, CT	November 2022 - March 2023
<i>Girls Ice Hockey Captain</i>	
<ul style="list-style-type: none"><li>Guided a team of 25+ female athletes to athletic success by cultivating an inclusive environment</li><li>Dedicated 12-16 hours a week to practices, games, lifts, and planning events while maintaining academic expectations</li></ul>	
<b>Choate Rosemary Hall Athletics</b>   Wallingford, CT	September 2022 - November 2022
<i>Girls Field Hockey Captain</i>	
<ul style="list-style-type: none"><li>Lead a team of 20+ female athletes through a difficult season through the use of support and positive team building techniques</li><li>Dedicated 10-14 hours a week to practices, games, and planning events while maintaining academic expectations</li></ul>	
<b>UNICEF Club</b>   Wallingford, CT	September 2021 - March 2023
<i>Vice President</i>	
<ul style="list-style-type: none"><li>Coordinated fundraising initiatives to raise money for the children and families supported by the UNICEF organization</li><li>Dedicated 1-2 hours a week after classes to meetings and event planning with a board of 4 students to organize a club of 30+ members</li></ul>	

## Activities and Volunteering

<b>Hamilton College Mailroom Assistant</b>   Clinton, NY	August 2024 - Present
<i>Student Employee</i>	
<ul style="list-style-type: none"><li>Manage daily mail and package collection and sorting for 2000+ students, faculty, and staff, ensuring efficient organization</li><li>Provide exceptional customer service by addressing inquiries, resolving delivery issues with professionalism and attention to detail</li></ul>	
<b>Hamilton College Math Grader</b>   Clinton, NY	August 2024 - December 2024
<i>Calculus II Grader</i>	
<ul style="list-style-type: none"><li>Graded homework assignments for a Calculus II course for approximately 3 hours a week, providing detailed feedback to students on their work to reinforce understanding of complex mathematical concepts and problem-solving techniques</li></ul>	
<b>Hockey Helps the Hungry Food Drive</b>	December 2017 - December 2022
<i>Co-Founder</i>	
<ul style="list-style-type: none"><li>Co-founded a food collection program to help support Connecticut Foodshare which provides food for struggling members of the community and organized collections that donated over 3,000 pounds of food and over \$6,500</li></ul>	
<b>Madison Youth and Family Services</b>   Madison, CT	June 2017 - June 2022
<i>Student Volunteer</i>	
<ul style="list-style-type: none"><li>Volunteered by completing tasks such as cleaning within the community, setting up events, and assisting people through their day</li></ul>	

## Languages and Skills

- Languages:** English, Spanish, Python (Programming Language), C++ (Programming Language), Origin (Software), MDI/JADE (Software)
- Skills:** Google Workspace, Microsoft Office, Creative Problem Solving, Communication, Leadership, Teamwork