

Tara Sawrikar

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EDUCATION

Harvey Mudd College, Claremont, CA

B.S Computer Science and Mathematics

Expected May 2029

Relevant Coursework: Special Relativity, Single and Multivariable Calculus, Chemistry, Intro to Biology, Intro to Computer Science, Mechanics and Wave Motion, Academic Writing, Linear Algebra

Wayland High School, Wayland, MA

June 2025

- Elected Class Treasurer

Relevant Coursework: AP Computer Science A, AP Physics C Mechanics, AP Physics C Electricity & Magnetism, AP Chemistry, AP Calculus BC

SKILLS

Programming Languages: JAVA, Python

Software: Advanced in Adobe Photoshop and Illustrator, Microsoft Excel, Slack, Github

INTERNSHIP EXPERIENCE

Intern, Clean Properties Engineering, Inc, Sudbury MA

June 2025 – August 2025

- Developed site assessment reports for upcoming projects, analyzed and evaluated data for client reports
- Performed hazardous waste and wastewater treatment of client properties

Intern, NGO Sustainability, Remote

June 2024 – August 2024

- Developed projects and presentations to raise awareness, wrote for the newsletter, given a featured testimonial

Internship Under Prof. John Ebel of Boston College, Weston Observatory

June - September, 2023 and 2024

- Revitalized and managed the physical earthquake recording room, in-charge of collecting data and monitoring the seismogram drums, fixed and set up 3 display monitors following the covid shutdown

LEADERSHIP EXPERIENCE

Founder, M4MA (The Milkweed for Monarchs Alliance), Wayland, MA

September 2023 - Current

- Founded an alliance of 5 schools collaborating to create safe habitats for Monarch Butterflies
- Coordinated with schools and provided ways to get involved, set up local events raise awareness

Private Tutor, Math and Science

August 2024 – June 2025

- Individualized weekly personalized tutoring to help 8th grade students improve understanding and build confidence in the material, designed engaging lesson plans tailored to the student's learning

Appointed Student Member, Town of Wayland Energy and Climate Committee

February 2023 - June 2025

- Headed a project to ensure that all students graduate Wayland High School Climate Literate
- Managed outreach to educate community members on solar panels, heat pumps, and electric vehicles

RESEARCH EXPERIENCE

Research Under Dr. Mahesh Parija of Virginia Tech

November 2023 – May 2025

- Researched how the Monsoon Season in South Asia impacts the frequency and magnitude of earthquakes in the Himalayan region in order to find patterns and help communities in areas of risk

Brown Environmental Leadership Labs: Alaska

July 2023 - August 2023

- Collaborated with experts on how climate change was affecting Alaska's native ecosystems, led groups to brainstorm ways to reduce the main causes of climate change

AWARDS AND ACHIEVEMENTS

Bonnie Scholarship Award (25) Authored and Illustrated Recycle the Spoons for the Baboons (25) Girl Scout Gold and Silver Award (24) Co President of Green Team, Art Club, VP National Art Honors Society (25), Varsity Girl's Ice Hockey (25)