

Erin Hovendon

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EDUCATION

Massachusetts Institute of Technology, Cambridge, MA — College

AUGUST 2022 - PRESENT

Expected Graduation/Major - May 2026/Environmental Engineering/Urban Planning

LABORATORY AND PROFESSIONAL EXPERIENCE

Nepf Environmental Fluid Mechanics Lab, MIT — Undergrad researcher

JANUARY 2023 - PRESENT

Conducted experiments on sediment deposition patterns using non-cohesive and cohesive sediment samples in a laboratory flume. Presented research findings to the faculty lab supervisor. Practiced MATLAB data processing and Excel data organization.

Claying Around Pottery Studio, Asheville, NC — Employee

JUNE 2021 - JUNE 2022

Assisted customers with pottery glazing processes, glass fusing, and other artistic activities during summer 2021 and throughout senior year of high school.

MIT EXTRACURRICULARS

Varsity Cross Country/Track and Field — Athlete

Varsity athlete through fall, winter, and spring seasons for cross country and indoor/outdoor track and field.

MIT Water Club — Volunteer/Member

Co-instructor in classes for high schoolers on water filtration and coastal resilience during Splash 2022 through the MIT Educational Studies Program.

HIGH SCHOOL EXTRACURRICULARS AND LEADERSHIP EXPERIENCE

Varsity Cross Country/Track and Field — Captain

10-time All-State team selection, 3-time varsity MVP, 2-time individual state champion, 7-time state champion as a team or relay member. Responsible for coordinating group runs, leading warmups, and supporting younger team members.

Habitat for Humanity Student Build — Communications Leader

Directed school-wide communication for the building of a Habitat for Humanity home in Asheville, NC. Worked with students from other schools to plan various fundraising events.

Citizens' Climate Lobby — Advocate

Participated in climate-focused discussions, completed training for political lobbying, wrote and published a letter to the editor, and contacted congressional representatives.

ACADEMIC STATS

MIT GPA- N/A

ACT - 35

AP Scholar with Distinction

10 AP Exams, 10 5s

National Merit Scholar, 2022

CURRENT COURSES

8.02 - Physics II

18.03 - Differential Equations

7.016 - Introductory Biology

17.55J - Latin American Studies

SKILLS

Strong writing and oral presentation skills

Proficient Spanish ability

Excel and MATLAB familiarity

HONORS AND AWARDS

Math Department Prize - 2021, Carolina Day School

National Honor Society - 2021-2022

Mu Alpha Theta Math Honor Society, 2019-2022, Carolina Day School

National Spanish Exam Silver Medal, Level 5 - 2021

Canie B. Smith Scholar Athlete Award - 2022, Carolina Day School

