

Maneet Mehta

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Education

Reservoir High School

Graduation Year: 2025

Cornell University

Summer 2024

- Received an A in Cornell's for-credit precollege *Science, Technology, and Policy* course.

Research/Publications

Educational Equity, *Journal of Student Research*

- Title:** Breaking into the Playground of Privilege: An Analysis of GT Program Identification Procedures
- Lit. Review of equity proposals for K-12 Gifted education. Accepted for publication. [Preprint available](#).

Artificial Intelligence/Emotion Recognition, *arXiv*

- Title:** Emotional Images: Assessing Emotions in Images and Potential Biases in Generative Models
- Independent study conducted @ UMD (see below). Submitted for publication. [Preprint available](#).

Professional Experiences

US Senate Youth Program Delegate, *Hearst Foundation/US Senate*

March 2025

- One of two students selected statewide to represent Maryland in the [2025 US Senate Youth Program](#).

Student Page, *Maryland General Assembly*

January 2025 – March 2025

- One of seven students selected to shadow members of the Howard County Delegation during the 2025 Maryland General Assembly legislative session. [More information here](#).

Software Engineering Intern, *Cosmos Inc.*

August 2024 – Present

- Developing an online platform for students to sharpen their debate skills through practice debates and proprietary AI judging/feedback models under UPenn M&T student John Hopcroft
- Assisting UI/UX development in Unity Engine, C# debate logic scripting, and backend infrastructure development via Amazon Web Services.

Research Intern, *University of Maryland: College Park*

June 2024 – Present

- Researching the presence and influence of evocative emotions within AI image generation models
- Developing AI image classification models alongside Dr. Cody Buntain; Authoring paper.

Research Intern, *Capitol Technology University*

June 2024 – August 2024

- Worked under Dr. Najam Hassan at the CTU AI Center of Excellence.
- Conducted a literature review of AI ethical dilemmas (medical triage, autonomous vehicle collisions)

ASPIRE Intern, *Johns Hopkins Applied Physics Laboratory*

June 2023 – Present

- Programmed a full-pipeline Neural Network image classifier applied using computer vision.
- Developed a computer vision program that enabled robots to autonomously follow target items.

Policy Intern, *Howard County Council District 4 – Deb Jung*

March 2023 – August 2023

- Reviewed proposed legislation on sustainability initiatives and testified before the County Council and Board of Education on policy decisions. Drafted articles for the District 4 newsletter.

Extracurricular Experiences

Class Secretary, Reservoir HS Class of 2025 *June 2024 – Present*

Head Captain, Reservoir HS Speech and Debate Team *August 2021 – Present*

- Collaborated with regional school leaders; Trained underclassmen; 7x national qualifier.
- Competed in Lincoln-Douglas, Public Forum, Extemporaneous, and Congressional debate.

Team Captain/Lead Coder, FTC Team 5709/Reservoir HS Robotics Club *August 2021 – Present*

- Executed training initiatives for club members; Raised \$2000+
- Coordinated Mechanical, Electrical, Software, and Auxiliary teams throughout robot production.

Region 3 VP and Student Task Force Director, Maryland DECA *February 2023 – Present*

- Facilitated events for 1300+ members, 30+ chapters; Executed state conference for 650+ students.
- Directing a 7-person professional outreach team; facilitating fundraising and networking initiatives.

Community Service

Senior Patrol Leader & Eagle Scout, Boy Scout Troop 540 *May 2022 – May 2023*

- Directed youth campouts and weekly meetings for 70+ scouts.
- Facilitated **trail restoration** initiatives, **Veterans Day parades**, Eagle Scout projects, **canned food drives**, outdoor education, and misc. service; Accumulated 70+ service hours.
- Executed Eagle Scout project, compiling **30 tree-planting kits** for the Community Ecology Institute

Youth Mentor, Reservoir HS/Lime Kiln MS Science Olympiad *August 2023 – Present*

- Prepared elementary and middle school students for regional and state competitions.

Teacher's Aid, Jain Society of Metro Washington Sunday School *September 2023 – Present*

- Taught religious philosophy to youth in grades 8-9; brainstormed and facilitated philosophical debates with the class. Assisted with developing lesson plans and grading homework.

Executive Committee Chair, Jain Youth of the Capital Youth Group *August 2023 – August 2024*

- Led initiatives such as Adopt-A-Highway trash cleanups (**30+ bags cleaned**), food and clothing drives (**250+ meals, 120+ clothes donated**), blanket-making drives (**10 blankets donated**), and PB&J sandwich food drives (**400+ meals packaged**).

Co-Founder, Reservoir HS/Lime Kiln MS Stem and Buds Club *October 2022 – August 2023*

- Coordinated lessons on biology, engineering, and other STEM topics for 20+ high school students and 10+ middle school students. Conducted 10 educational workshops.

Awards, Honors, Certifications

- **Eagle Scout** – Boy Scouts of America (2024)
- **Presidential Gold Volunteer Service Award** (200+ service hours) – Office of the President (2022)
- **Top 10 International Champion** – Professional Selling –DECA ICDC (2024)
- **Top 20 National Finalist** – Lincoln-Douglas Debate – NCFL Grand National Tournament (2023)
- **Lincoln-Douglas Debate State Champion** –BCFL Metro Tournament (2024)
- **First Aid/CPR/AED Certified** - American Red Cross (2023)
- **Silver Rank** – USA Computing Olympiad (USACO) (2024)