

Aeliya Grover
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EDUCATION

The University of Chicago

Chicago, IL

Class of 2028

The Harker School

San Jose, CA

GPA: 4.32

May 2024

Honors: National Honor Society (2023, 2024), Bronze Presidential Award (2023)

Classes: Compilers & Interpreters, Neural Networks, Computer Architecture, Data Structures, Game Theory

Projects:

- Neural Networks – created an n-layer network from scratch with backpropagation to differentiate number of fingers someone is holding in a hand picture
- Compilers & Interpreters – creating a compiler from scratch to convert Pascal to machine code

EXPERIENCE

EduNATION

CEO, Co-Founder

September 2022-Present

- Winner of Harker BECON SHarker Tank 2023
- Partnered with companies FEA, Mindmarker, MinervaCQ
- Custom eCourse service for companies hoping to teach job skills

Robotics Team 1072

September 2020-Present

Executive President (2024), Scouting and Strategy Director (2023), Scouting and Strategy Lead (2022)

- Manage meetings of 50+ members
- Represented team at the World tournaments by hosting strategy meetings with other teams
- Created a python scouting analyzer that took in data from stand scouters and match data to determine strengths and weaknesses of robots at the competition. Worked with the App Dev subteam to publicize a public scouting software for all FRC teams across the world.

Future Problem Solving Club

September 2020-Present

Co-President (2024), Co-President Elect (2023), Co-Community Problem Solving Officer (2022), Member (2021)

- Organized joint campus activities and agendas for members in the FPS Club in the Lower, Middle, and Upper School
- As a team, competed to win
 - 1st Place at States for Presentation of Action Plan (2022, 2023)
 - 2nd Place at States for Community Problem Solving (2022), 2nd Place at States for Global Issues problem Solving (2022)
 - 3rd Place at Internationals for Presentation of Action Plan (2022)

LEADERSHIP & ACTIVITIES

ECO Plastic

Community Problem Solving Officer

September 2021 – June 2022

- Managed tasks and agendas of team
- Led Poster making sessions, created informational videos for skits and lectures
- Taught elementary school students from The Harker School and Barron Park Elementary dangers of plastic pollution

Walden West

Camp Counselor

July 2022, 2023

- Helped lead origami making sessions
- Spread my love of nature through hikes
- Help organize activities and assist group leaders with monitoring children

Harker Upper School Summer TA

June 10 –July 19 2024

Teacher Assistant for Advanced Programming

- Graded labs and test
- Helped around campus