

# Lakshya Chauhan

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**Current GPA (Weighted):** 4.48

**Composite SAT score:** 1600

## Experience

- ❖ **Founder SpellNOW!** - Founded and created SpellNOW!, a website built to allow students to improve their spelling/vocabulary. Managed the full lifecycle of the website from inception, UX design, server framework, deployment, and continued maintenance and development. I managed an entire database containing over 30,000 words and over 200+ tags and related associations.
- ❖ **Technology Student Association (TSA)** - Participated in TSA TEAMS during the 2022 school year placing 2nd in the MCQ portion of the competition and 8th in the essay portion, statewide. I have continued participation in TEAMS in the 2023 season, placing 3rd in MCQ and T-20 in the essay portion, statewide. I have also won in specific event categories at the NJ TSA conference at the College of New Jersey placing 2nd in Webmaster and 3rd in Video Game Design.
- ❖ **American Computer Science League (ACSL)** - I have competed consistently in junior and intermediate divisions, qualifying for the 2023 ACSL Finals having achieved a high score during individual contests.
- ❖ **Science Olympiad** - Part of a 15-person high school Science Olympiad team and participated in events at the regional level (@ Union County College) and the state level (@ Middlesex College). I participated in build events, specifically Bridge building and Flight, and placed T-10 in bridges at the 2023 Union County Regionals.
- ❖ **Junior State of America (JSA)** - Current Chapter President of Middlesex County Academy JSA. Work in supporting club members and organizing chapter events in order to actively promote civics debate within our school and throughout the state of New Jersey. Most notably organized *ChapterCon* a one day civics event with over 85+ participants all over Middlesex County.

## Awards

- ❖ **1st – HackMCA** - Created and deployed a volunteer hour tracker via Django. Was able to compete with students from numerous schools across the county and apply concepts of system design and web design within an eight hour period. Also was able to manage a team of three others and successfully complete all deliverables.
- ❖ **2nd – EAMS Tech Expo** - Received 2nd for presenting SpellNOW! which I had created the previous year. Awarded by a select panel of judges as part of a district-wide annual initiative.
- ❖ **Outstanding Delegate (Princeton International Relations Council)** - Received the Outstanding Delegate award in which I represented Australia in a committee meant to combat the effects of increased global warming and climate change.
- ❖ **2nd – Coding & Programming (FBLA)** - Received 2nd for presenting a revamped Student Information System for my school during the state leadership conference. Created solely by me, it utilized the Django web framework with a dynamically-updated MySQL database, hosted locally.
- ❖ **2nd - Computer and Game Simulation Programming (FBLA)** - Received 2nd for presenting "AVOID" an executable game designed to mimic games of the 1980s. Handled graphic design and music for the game as well as designed the premise and goal of the game.
- ❖ **Crisis Service Ribbon (Civil Air Patrol)** - Given to members who participated in emergency service assignments during the COVID-19 Disaster Relief Missions. Also work with the Civil Air Patrol on numerous other STEM initiatives and volunteer service events.

## Volunteer Service

Cumulative *200+ hours of community service* through various organizations including *Sewa International*, *schoolhouse.world*, the *North South Foundation*, and my local food pantry. I have also tutored, independently, to *students across the world in various subjects*, with an emphasis on mathematics.