

Ayush Jain

Metea Valley High School, Aurora, IL
Aspiring Electrical Engineer

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Education:

Metea Valley High School, Aurora, IL - Senior (FY23-24)

GPA: 4.3/5.0

Courses:

AP Human Geography, AP Computer Science A, AP European History, AP Chemistry, AP English Language and Composition, AP Spanish Language, Introduction to Engineering Design (IED), Aerospace Engineering (AE), AP English Literature, AP Physics C Mech/E&M, AP Macro/Microeconomics, AP Calculus BC, AP Statistics, AP Psychology

Awards:

- **SkillsUSA Illinois State - Additive Manufacturing, won Silver Medal (2021-2022):** Developed a water filtration system through 3D printing and CAD. Used sediment and charcoal to create an intricate design, to filter out water from a lake.
- **SkillsUSA Illinois State - Web Design, won Silver Medal (2021-2022):** Developed a website using HTML, CSS, and Javascript. In the event, I made a website using a wireframe for a food bank.
- **Science Olympiad Varsity Neuqua Regionals - Remote Sensing, won Bronze Medal (2022-2023):** Analyzed remote sensing data and imagery to complete tasks related to climate change processes.
- **Science Olympiad Varsity Neuqua Regionals - Environmental Chemistry, 5th place (2022-2023):** Used knowledge in Environmental chemistry to perform labs such as testing various analytes found in the water.

Projects:

Does a Luxury Effect Exist in Chicago, Illinois? (June 2023-Present): Worked on a project where I used R to find the correlation between Biodiversity and Per Capita Income.

Skills:

Technology: CAD (Onshape), HTML, Java, CSS, C

Languages: English, Hindi, and Spanish

Life Skill: Swimming

Volunteering/Experience:

Feed My Starving Children (2021-2023): Regular volunteering, packed food for kids

Kumon (2021-2023): After-school enrichment program for Mathematics and English

Extracurriculars

- Principal Advisory Board (PAB)
- SkillsUSA
- Science Olympiad
- Chess club
- Math Team