

Aakash Kolli

PROJECTS

- Developed Python data analysis dashboard with Streamlit & pandas from NASA Near Earth Object data
- Developed Personal Website in HTML, CSS, & Javascript with working "Contact Us" form and particles
- Placed *3rd* at *2022 HackFTW*, developed "Zero Hunger" Android app addressing global food crisis
- Implemented machine learning model to predict S&P 500 stock prices via data preprocessing

EXPERIENCE

- 09/2022 – Present **Co-Leader of Warriors Who Code**, Waubonsie Valley High School
- Mentored high school students in Python programming
 - Led peers in weekly data science lessons and projects
- 09/2021 – Present **Vice President of Science Olympiad**, Waubonsie Valley High School
- Communicated concerns of students in inquiry events
 - Placed *1st* in Disease Detectives at Regionals, *Qualified* for 2023 State
- 09/2023 – 11/2023 **STEM Intern**, Naperville Alive Center
- Co-leading 5th-8th graders in interactive computer science lessons
 - Introducing Python programming to 8 students as part of the CS Club
- 09/2022 – Present **Math Team**, Waubonsie Valley High School – Naperville, IL
- Attended weekly meetings, competed in math invitationals
 - Developed problem-solving skills and a nuanced *approach to learning*
- 06/2018 – Present **Secretary of Teen Advisory Group**, Naperville Public Library
- As Secretary, took meeting minutes and planned teen programs
 - *~80 service hours* through monthly meeting attendance and library events
- 08/2022 – Present **USACO**, usaco.org
- Participated in programming competitions, learned algorithmic skills
- 08/2021 – 05/2023 **Cross Country, Track & Field**, Waubonsie Valley High School
- Demonstrated commitment through daily practices and weekly meets
 - Managed time with **~16 hours** a week involvement
- 09/2021 – Present **Key Club**, Waubonsie Valley High School
- Volunteered at local schools, Feed My Starving Children, seasonal events
 - Recognized in 2022-2023 for "*3rd Most Volunteer Hours*"

SKILLS

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|-----------------------------------|------------------------|-----------------------------|
| • HTML, CSS, DOM Web Development | • Python | • Data Science |
| • Swift and XCode App Development | • Javascript & Node.js | • Machine Learning |
| • Android App Development | • Java | • Teaching Students to Code |

EDUCATION

- Graduating 05/2025 **High School**, Waubonsie Valley High School – Aurora, IL
- Weighted GPA: 4.68 | Unweighted GPA: 3.96