ISAAC WONG

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A high school sophomore who has been craving opportunities in computer science and engineering. Committed to use the skills acquired to solve everyday issues.

SKILLS

HTML, CSS, JavaScript, React, Svelte, Java, Python, Microsoft Excel

Hard-working, clever, creative, adaptable, effective communicator

EXPERIENCE & PROJECTS

STEEL HAWKS *FIRST* ROBOTICS COMPETITION TEAM 2021-PRESENT

- Board member for the 2023 season, developing internal tools such as a data visualization application used by the strategy team consisting of 21 members to formulate strategies for matches based on data provided by the scouting department. Placed in the 96th percentile at the end of the season.
- Advanced the education of incoming members about coding for the robot in Java.
- Reforged the team's website in React and TailwindCSS, resulting in over 36,000 lines of code.
- Pioneered the robot's code, written in Java, leading to robot in the 86th percentile in 2022. Resulted in a spot in the 2022 World Championships.

THE GRADEULATOR 2022

- Launched a web application for students to easily calculate their grades as a response to the NYC DOE's ban of online gradebook, PupilPath.
- Earned 3rd in the 2022 Congressional App Challenge

EDUCATION

TOWNSEND HARRIS HIGH SCHOOL | FLUSHING, NY EXPECTED JUNE 2025

- 4.0 GPA
- Taking college level physics through AP Physics 1

ACTIVITIES

- Led afterschool STEM program at P.S. 219 Paul Klapper for 48 third graders (Dec. 2022-Mar. 2023)
- Townsend Harris High School Key Club (2021-Present)
- Townsend Harris High School Jazz Ensemble (2022-2023)
- Townsend Harris High School Concert Band (2021-2022)

AWARDS & HONORS

- *FIRST* Robotics Competition Regional Finalists @ NYC Regional
- *FIRST* Robotics Competition Quality Award @ NYC Regional
- *FIRST* Robotics Competition Regional Winner @ NY Tech Valley Regional
- Member of National Honor Society of Secondary Schools