

Hua Huang

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Education

Stuyvesant High School September, 2019 - June, 2023

GPA: 95.8/100; SAT: 1530

Stony Brook University August, 2023 - May, 2027

GPA: N/A

Awards: USABO semifinalist, Science Bowl NY Regionals 3rd Place, Science Olympiad NYC South Regionals 1st Place, Science Olympiad NY States 3rd Place

Experience

StuyHacks — Executive Director September 2021 - June 2023

- Introduce the field of computer science through hosting hackathons to a few hundred middle school and high school students in the nation biannually
- Coordinated with 10 other organizers to find sponsorships, judges, and mentors
- Organized workshops with mentors on advanced topics such as Flask, Streamlit, APIs, and Arduino for mentees

Science Olympiad — Event leader September 2020 - June 2023

- Helped my team take first place in the NYC South Regionals and third place in NY States. Received many medals in Anatomy & Physiology, Cell Biology, and Green Generation from regionals, states, and invitationals.
- Learned how to communicate well with a partner and implement test-taking strategies that would allow us as a pair to speed through a test as fast as possible
- Discovered better study methods that allowed for a better understanding of the connections between content

Stuyvesant Red Cross — Student Leader September 2019 - June 2023

- Led groups of teens from my high school to volunteering events throughout NYC and contributed over 250 hours to community service
- Communicate with people from diverse backgrounds and provide customer service to those in need of it
- Connected and built partnerships with major non-profit organizations such as MS Society, CaringKind Alzheimer's, and JDRF HQ

Weill Cornell Medicine — Neurovascular Research Intern June 2022 - September 2022

- Worked under Dr. Laibaik Park to study how neurovascular interactions may play a role in Alzheimer's disease, stroke, and vascular dementia
- Performed staining techniques such as IHC and RNAscope and ran PCR and gel electrophoresis for mouse tail biopsy
- Tested novel antibodies to help secure better staining protocols for future experiments and used GraphPad PRISM to perform statistical analysis

Stuyvesant Research Club — Annotations and Revisions Department September 2019 - June 2022

- Was exposed to a lab environment and performed hands on research techniques such as ELISA assays, real time PCRs, and gel electrophoresis
 - Revised and edited 12 scientific newspapers for publishing to a student body of 3600+ students
 - Improved teamwork skills and time management under the time constraint of publishing deadline
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Miscellaneous

Skills: Time management, communication, and work ethic

Interests: Cell biology, Anatomy & Physiology, Computer Science(Python, HTML, CSS, Java, C, R), Volunteering

Languages: English, Chinese (Mandarin and Cantonese)

Hobbies: Tennis, Reading, Listening to music, Running