BRANDON WONG

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Education

Stony Brook University   **Sep. 2022 – May 2026**
Bachelor of Science in Computer Science   *Stony Brook, NY*
- Relevant Coursework: Data Structures, Analysis of Algorithms, Program Abstractions, Systems Programming

Experience

Integrating Population Health Informatics   **September 2023 – January 2024**
Undergraduate Researcher   *Stony Brook, NY*
- Integrated 42 diverse data sources, using sophisticated analytic and data visualization techniques to build a picture of the population and specific health concerns.
- Began to develop meaningful solutions and design strategies to combat regional health issues in 127 districts.
- Presented findings and insights from data analysis to faculty and team members, contributing to strategy development in public health initiatives.

Target   **June 2022 – February 2024**
Starbucks Team Member   *College Point, NY*
- Demonstrated exceptional adaptability and problem-solving skills in customer service, quickly addressing and resolving diverse challenges.
- Showcased strong teamwork and collaborative abilities, effectively communicating and adapting within a team.
- Actively engaged with customers to provide a welcoming and efficient service environment, contributing to an increase in customer satisfaction and loyalty.

Projects

HopperHacks Hackathon Project | *HTML/CSS, JavaScript, Git*   **February 2024**
- Implemented dynamic features and functionalities that enhanced interactivity and user engagement with the application using JavaScript and HTML/CSS.
- Collaborated within a team setting, effectively utilizing Git for version control and project management, ensuring a well-organized and efficient development process.

Weather Application | *HTML/CSS, JavaScript, REST API*   **January 2024**
- Engineered a dynamic web-based weather application using JavaScript, leveraging the OpenWeatherMap API for real-time weather data.
- Designed a user-friendly interface enabling users to easily access city-specific weather forecasts, enhancing user engagement and experience.
- Incorporated responsive design principles to ensure optimal functionality and display across various devices and screen sizes.

NASA Database | *Java, NASA API*   **May 2023**
- Developed a system to efficiently query and retrieve data from NASA's API on near-Earth objects, demonstrating proficiency in API integration and data handling.
- Implemented the Comparator class in Java to sort the retrieved data effectively.
- Created an intuitive and interactive menu interface, allowing users to seamlessly navigate and view sorted data on near-Earth objects, enhancing user engagement and data accessibility.

Technical Skills

Languages: Java, Python, C, HTML/CSS, JavaScript, OCaml
Developer Tools: VS Code, Eclipse, RStudio
Technologies/Frameworks: Linux, GitHub, Git

Leadership / Extracurricular

ChinaBlue   **Spring 2023 – Present**
Fundraising Head   *Stony Brook University*
- Successfully managed a budget exceeding $500, orchestrating fundraising initiatives that generated over $1000 in profit.
- Led bi-weekly meetings, focusing on collaborative planning and execution of fundraising events.