Harvey Jiang

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Relevant Links: LinkedIn | GitHub
Programming Languages: Python, TypeScript, JavaScript, Assessable HTML and CSS, SQL, noSQL
Frameworks: Django, FastAPi. Vue**,** Nuxt, Express, React
Technologies: Git, PostgreSQL, REST, GraphQL, neo4j, Firebase

EDUCATION

University at Buffalo   **2023-2027**
- BS Computer Science

High School   **2019-2023**
- Staten Island Technical High School- 4.0 GPA

WORK EXPERIENCE

University at Buffalo | **Demo**   **September 2023 - Current**
Research Assistant Under Professor Jinjun Xiong   Buffalo, NY
- Contributing to the development of an application for learning and reading scientific papers in React, implementing features like interactive PDF views, data visualizations and UI for students/professors
- Leveraging SQL and fastAPI to model user roles/permissions, retention rate, and assigning readings for students
- Collaborated closely with faculty to enhance the user experience and team members to troubleshoot and debug issues, optimizing the application's performance.

Summer Design Institute   **June 2023 - August 2023**
SWE Intern for Staten Island Tech   Staten Island, NY
- Developed a robust backend for a club attendance app using Express.js, integrating Google's Sheets and Drive APIs Google to Implement a club attendance system
- Created a QR code system for blazingly fast attendance taking and rest endpoints for updating attendance and yearly club attendance data
- Effectively pinpointed and resolved complex issues in a schedule builder app, to ensure a smooth and user-friendly application experience

                                                                                                             June 2022 - August 2022
- Assisted students and school staff in rectifying technical issues throughout building
- Developed Kiosk software to help connect DOE ipads and aid hundreds of teachers and students in connecting to the wifi
- Investigated and resolved hardware and software issues in the wifi system

Tech Incubator at Queens College   **February 2022 - April 2022**
Intern   Queens, NY
- Developed a wordpress website for current and former interns to find freelance jobs
- Collaborated with clients to build their business websites
- Upgraded and modernized previous web apps

PROJECTS

TechAnime | **Github Code** | (Nuxt, Django, SQL, GraphQL, Google OAuth)   **2022-2023**
- Developed a platform dedicated to hosting anime awards voting and presenting data visualizations tailored to SITHS students, fostering a hub for students to both participate in awards selection and make informed viewing choices

USO! | **Github Code** | (Nuxt, Mongodb, Express, Auth0, Pixi.js, Howler.js)   **2021-2022**
- Inspired by osu! mania and guitar hero. USO! Is a web based game with a visually-appealing and user-friendly platform that provides an immersive competitive experience for the end user

Taste of China Brooklyn | **Github Code** | **Demo** | (Assessable HTML and CSS)
- Developed and designed a website for my family's Chinese restaurant