

Harvey Jiang

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Programming Languages: Python, TypeScript, JavaScript, Assessable HTML and CSS, SQL, noSQL

Frameworks: Django, Django REST, FastAPI, Vue, Nuxt, Express, React, React Native

Technologies: Git, PostgreSQL, REST, GraphQL, Firebase, Google Sheets and Drive Api, Google Oauth

EDUCATION

University at Buffalo, The State University of New York (UB)	Expected May 2027
<ul style="list-style-type: none">Bachelor of Science in Computer Science	
Staten Island Technical High School (SITHS)	September 2019 - June 2023
<ul style="list-style-type: none">High School Diploma; GPA: 4.0/4.0	

WORK EXPERIENCE

University at Buffalo	September 2023 - Current
<i>Research Assistant Under Professor Jinjun Xiong</i>	Buffalo, NY
<ul style="list-style-type: none">Contributed 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 thousands of students/professorsLeveraged SQL and Django to model user roles/permissions, retention rate, and assigning readings for studentsCollaborated closely with faculty to enhance the user experience and team members to troubleshoot and debug issues like routing mishaps, optimizing the application's performance	
Summer Design Institute	June 2022 - August 2022; June 2023 - August 2023
<i>Software Engineer Intern for Staten Island Tech</i>	Staten Island, NY
<ul style="list-style-type: none">Designed a robust backend for a club attendance app using Express.js, integrating Google's Sheets and Drive APIsCreated a QR code system for blazingly fast club attendance taking and rest endpoints for updating attendance and yearly club attendance data instead of a pen-and-paper attendance system for hundreds of studentsSuccessfully identified and resolved complex issues in a schedule builder app, such as problems with how data is managed and irregularities in the user interface. This ensured a smooth and user-friendly application experience.Assisted students and school staff in rectifying technical issues throughout the buildingDeveloped Kiosk software to help connect DOE iPads and aid hundreds of teachers and students in connecting to the wifi	
Tech Incubator at Queens College	February 2022 - April 2022
<i>Intern</i>	Queens, NY
<ul style="list-style-type: none">Worked with two clients to develop distinct WordPress websites tailored to their specific needs: one for a photography business, focusing on showcasing their portfolio and services, and another for a clothing business, designed to promote their products and brand.Crafted a WordPress website dedicated to connecting hundreds of current and former interns with freelance job opportunities	

PROJECTS

TechAnime Github Code (Nuxt, Django, SQL, GraphQL, Google OAuth)	Sept 2022 - June 2023
<ul style="list-style-type: none">Conceptualized 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. I led a cross-functional team, designed the backend, and reviewed pull requests. This achieved a 15% increase in student engagement and participation, enhancing the anime community experience for SITHS students	
USO! Github Code (Nuxt, MongoDB, Express, Auth0, Pixi.js, Howler.js)	Sept 2021 - June 2022
<ul style="list-style-type: none">Teamed up with three team members, drawing inspiration from the rhythm-based games OSU! mania and Guitar Hero, to develop USO!, a web-based rhythm game. I implemented Audio, game logic and backend which resulted in an immersive and competitive gaming experience	
Taste of China Brooklyn GitHub Code Demo (Assessable HTML and CSS)	Sept 2020 - Dec 2020
<ul style="list-style-type: none">Developed and designed a website for my family's Chinese restaurant to show the menu and hours for thousands of customers	