

Jay Xu

jayxu9000@gmail.com | [linkedin.com/in/jayxu9000/](https://www.linkedin.com/in/jayxu9000/) | github.com/jayxu9000

EDUCATION

University at Buffalo – The State University of New York, GPA: 3.5/4.0

August 2020 – May 2024

Bachelor of Science in Computer Science

- Relevant Coursework: Algorithms for Modern Computing Systems, Intro to Microprocessors, Software Project Management, Software Engineering, Data Structures, Algorithms, Computer Organization, Systems Programming

- [Certificate](#) | Codepath Intermediate Web Development

September 2023 – November 2023

- [Certificate](#) | Certification in Data Structures & Algorithms

July 2022 – August 2022

EXPERIENCE

IT Intern, NYC Health + Hospitals: Woodhull

July 2023 – August 2023

Brooklyn, NY

- Provided technical support to 10+ departments by troubleshooting computers, printers, and other medical kiosks.
- Configured 200+ network devices using SCCM via Task Sequence or PXE boot so staff had quicker access to devices.
- Supervised 50+ laptops using Trellix ePolicy Orchestrator-Preboot Encryption updates so users can easily reset accounts.

Data Entry Intern, Kumon

July 2021 – August 2021

Staten Island, NY

- Recorded coursework data quickly and efficiently allowing ease of access for 10+ tutors and classroom preparation.
- Coached 50+ students enabling 80% of participants to achieve higher scores in subsequent evaluations and assessments.
- Composed 2 months of daily lesson plans to guide students ensuring progress with their classwork and assignments.

PROJECTS

Theta Tau Chapter Website

September 2023 – Present

MongoDB, ExpressJS, ReactJS, NodeJS | [Website](#)

- Managed a team of 5 to construct a school organizational website to showcase its 50+ members and hundreds of alumni.
- Designed 5+ responsive web pages and their overall layout providing an enjoyable user experience on any device.
- Fabricated 20+ intuitive components for each page, which produced simple and prompt operations for the daily user.

File Organizer

December 2023 – January 2024

Python | [Github](#)

- Developed efficient and user-friendly file organizing software, which streamlined the sorting of over 1000 files.
- Engineered a GUI using the Tkinter library, which facilitated secure deletion, renaming, and moving capabilities.
- Validated thoroughly for compatibility across Windows, Mac, and Linux devices, ensuring usability across platforms.

United States Breweries

September 2023 – November 2023

ReactJS | [Website](#)

- Constructed a site that utilized API data to showcase U.S. breweries with statistical and graphical visuals using datasets.
- Launched a comprehensive data filtering feature enabling users to explore 50 breweries by name, city, and state.
- Enhanced user interaction with React Router for seamless navigation between summary and detailed brewery views.

Housemate

February 2023 – May 2023

HTML, CSS, JS, PHP, SQL | [Website](#)

- Directed a team of 4 to construct a housing search website targeted at 30,000+ students, resulting in a final grade of A.
- Implemented a login system with PHP, enabling users to securely access and post reviews on over 20 housing locations.
- Established modular front-end and back-end features, improving maintainability and reducing deployment time by 25%.

SKILLS

Programming: Python, C, Java, Scala, MERN Stack, HTML, CSS, JavaScript, PHP, SQL, React JS/Native, MATLAB

Technology: Git, Figma, Zenhub, Trello, Linux, Unix, Visual Studio, IntelliJ, Emacs, Supabase, Postman, Render

LEADERSHIP EXPERIENCE

- Treasurer and Head of Construction | Theta Tau

September 2022 – December 2023

- Treasurer | Society of Asian Scientists and Engineers

September 2021 – May 2022