Jason Xu

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Education

University of Washington, Bothell **Bothell, WA**

Bachelor of Science, Major in Computer Science   **Expected Graduation December 2024** ▪ *Cumulative GPA:* 3.6 out of 4.0

- ▪ *Academic Awards*: Dean's List (Autumn 2021, Winter 2022, Spring 2022, Autumn 2022)
- ▪ *Relevant Coursework*: Data Structures, Algorithms and Discrete Mathematics, JavaScript and Responsive Design, JavaScript and Advanced CSS

WORK EXPERIENCE

OmniSynk AI Seattle, WA

Full-Stack Intern July 2024 - Present

- ▪ Utilized cutting-edge technologies relevant to the MERN stack (MongoDB, Express.js, React, Node.js)
- ▪ Participated in agile development processes (e.g., daily stand-ups, sprint planning)
- ▪ Gained proficiency in RESTful API development, front-end frameworks, and database management
- ▪ Assisted in designing software architecture, user interfaces, and database schemas
- ▪ Participated in code reviews, brainstorming sessions, and design discussions

MBDA Federal Procurement Center, Washington D.C. Washington D.C.

AI/ML Research Intern June 2023 - August 2023

- ▪ Conducted research on leveraging emerging technologies like machine learning and deep learning to identify opportunities for minority business enterprises (MBEs) in federal contracting and procurement.
- ▪ Authored a detailed report analyzing the latest advancements in generative AI, transfer learning, and autonomous systems, and their potential applications for MBEs.
- ▪ Supported initiatives to promote the adoption of AI/ML tools and platforms among minority-owned businesses to enhance their competitiveness in the federal market.
- ▪ Researched high-potential federal contracting projects and disseminated leads to minority businesses, highlighting areas where AI/ML could provide a strategic advantage.

Seattle University Seattle, WA

Research Assistant June 2022 - August 2022

- ▪ Contacted over 50 retirement communities nationwide to promote Seattle University's elderly assistance program and services, tracking contact information in multiple Excel databases.
- ▪ Conducted research on retiree demographics and needs to identify target audiences and tailor outreach strategies for the program, organizing data in Excel.
- ▪ Developed informational materials and presentations about the program to share with retirement community administrators and residents.
- ▪ Tracked participation and feedback in Excel and provided recommendations based on data analysis to improve awareness and enrollment in the elderly assistance program.

PROJECTS

E-Commerce Listing Optimization Tool (OmniSynkAI) Seattle, WA

Full-Stack Intern July 2024 - Present

Technologies: MERN Stack (MongoDB, Express.js, React, Node.js)

- • **Developed and optimized a full-stack web application** that managed over **1,500 e-commerce listings** across platforms like eBay, Etsy, and TikTok Shop, resulting in a **30% increase in listing efficiency**.

- **Built and integrated RESTful APIs** for inventory management, smart selling recommendations, and real-time performance tracking, reducing manual listing updates by **40%** and improving response times by **25%**.
- **Implemented a responsive and dynamic front-end** using React and advanced CSS techniques, improving overall user experience and reducing page load time by **15%**.
- **Collaborated in an agile team**, contributing to **6+ sprints** through sprint planning, daily stand-ups, and peer code reviews, maintaining **95% code coverage** and ensuring high code quality.

CERTIFICATIONS

University of Washington Professional & Continuing Education   Seattle, WA
Certificate in Front-End Development with HTML, CSS & JavaScript   January 2024-Present

SKILLS

Programming Languages*:* Python, Java, C/C++

UI Technologies*:* React, Javascript, Typescript, HTML, CSS, SCSS, Bootstrap

Version Control*:* Git, SQL Developer, Jira

Design Control*:* UML