

Evan Jiang

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EDUCATION

University at Buffalo - The State University of New York

Buffalo, NY

Bachelor of Science in Computer Science | Minor in Chinese

Expected May 2025

- Relevant Coursework: Software Engineering, Data Structures & Algorithms, Web Development, Project Management

WORK EXPERIENCE

School of Engineering and Applied Sciences

Buffalo, NY

Teaching Assistant - Data Structures & Algorithms and Discrete Math

Aug 2023 – Present

- Assist 3 professors across 2 undergraduate courses, supporting over 500 students in developing Java and logic skills.
- Conduct 4 weekly office hours and 2 recitations, providing feedback on an online forum to ensure student success.
- Collaborate with 40+ teaching assistants to refine course content and structure.

University at Buffalo

Buffalo, NY

Internship - Project Manager

Aug 2024- Present

- Guide two teams of 5 developers through project roadmaps, achieving 100% timely completion of tasks by implementing Agile methodologies.
- Provide constructive feedback, boosting team performance by 25% and fostering a culture of continuous improvement.

UBD

Buffalo, NY

Internship - Software Developer

Feb 2024 - May 2024

- Used PHP to enhance application security by adding additional authentication features to account data, resulting in a 30% decrease in unauthorized access incidents and improving overall data protection.
- Led group and scrum activities using Agile methods over a 10-week period, improving team efficiency by 15% and helping the team adjust to changing requirements.

Department of Computer Science and Engineering

Buffalo, NY

Undergraduate Researcher - Manufacturing Metaverse

Aug 2023 - Dec 2023

- Partnered with Dr. Wen Yao Xu on a VR/AR project, saving \$1000 per employee by improving safety training through technology.
- Presented project outcomes at team meetings and the University-Wide CS Demo Day, competing with over 100 projects and highlighting the project's effectiveness.

PROJECTS

Schedule Sync | PHP, MySQL, React

- Developed automated testing protocols for a full-stack client management system using PHP, MySQL, and React, achieving 95% test coverage to ensure application reliability and stability prior to deployment.
- Mitigated security risks by 20% by integrating multi-factor authentication and encrypting sensitive client data.

DevIt | Python, Javascript, HTML/CSS, MongoDB, Docker

- Developed a Reddit-like Social Media Website for Software Developers to share ideas and thoughts attracting over 100+ developers within the first month.
- Employed MongoDB for efficient data storage and retrieval, enabling seamless handling of user-generated content and account information, with a database growth rate of 20%.
- Used Docker for containerization during testing, which streamlined the development process and reduced deployment time by 25%.

Technical Skills

Languages: Python, Scala, JavaScript, LaTeX, HTML/CSS, C

Developer Tools: Github, Blender, Unity, Trello, Docker, MongoDB, MySQL

Interests: Basketball, Soccer, Tennis, E-Sports, Competitive Pokemon, Minecraft, Weight Lifting

Project Management Skills: Trello, Agile Development, Scrum Master