

Weiguang (Seraphine) Wu

seraphine5summer@gmail.com | 626-615-1652 | Fullerton, CA | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Education

University of California, Irvine

Expected Graduation: December, 2024

B.S. in Computer Science

GPA: 3.55 (Dean's Honor List for 8 quarters)

Work Experience

STEM Tutor

2023 - 2024

- Created tailored lesson plans for Computer Science and AP Statistics students, adjusting methods based on feedback.
- Helped students prepare for exams through concept reviews, problem-solving practice, and mock exams.

Business Intelligence Intern Developer at Temco Logistics, Pomona, CA June, 2024 - Present

- Leveraging technologies including C#, ASP.NET, MySQL, Azure Cloud Services, and Bootstrap.js to create responsive, scalable web solutions.
- Developing two software applications designed to streamline business intelligence tracking that will be utilized daily by managers and employees nationwide.
- Collaborating with a mentor in a small business intelligence team to bring one project to beta testing stage and nearing version 1.0 completion for the second application.
- Presented project updates and functionality to upper management, demonstrating the practical impact of the software on business operations.

Projects

Fabflix Movie Database Web App

October, 2023 - December, 2023

- Developed full-stack architecture with AWS, MySQL, Tomcat, and JDBC, including a web and an Android frontend using Java, JavaScript, jQuery, AJAX, and RESTful APIs.
- Developed an ETL pipeline to parse XML files and import a large movie database.
- Implemented features like movie catalog browsing, cart checkout, reCAPTCHA bot detection, and SQL injection protection.

Cyber Verification Lab - Capstone Project Sponsored by RTX

January, 2024 - June, 2024

- Contributed as a backend developer in a five-person team using the MERN stack to build a web UI for streamlining the supply chain security verification process.
- Set up MongoDB connections and handled API calls for data manipulation and display.
- Developed features for data searching, sorting, and tracking assets and employee roles.

Skills

Languages: Java, C/C++, C#, Python, HTML, CSS, JavaScript, SQL

Technologies: Git/GitHub, MERN Stack, MySQL, ASP.NET

Operating Systems: Windows, Linux, MacOS