

Austin Nakamatsu

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EDUCATION

Oregon State University, School of Electrical Engineering and Computer Science

Corvallis, OR

Major - Bachelor of Science in Computer Science

- Graduated: June 2025
- GPA: 3.55/4.0
- OSU Honor Roll Honors, 7 Terms

EXPERIENCE

Selmet Inc.

Albany, OR

Full-Stack Software Engineering Intern

June 2024 – December 2024

- Designed and developed multiple **full-stack applications** featuring backend database systems, secure authentication and authorization, RESTful APIs, and dynamic web interfaces to **streamline operational workflows and reduce manual effort**
- Collaborated with engineers to gather requirements and **optimize performance** across both new and outdated applications
- Wrote **advanced SQL scripts** to consolidate multiple tables into streamlined, application-specific structures, **improving performance and data clarity**
- Revamped report structures to **enhance readability, usability, and scalability**, reducing analysis time for end users
- Managed IT support tickets, **resolving application issues promptly** to minimize downtime and maintain workflow continuity

Cognex Corporation

Portland, OR

Software Engineering Intern

April 2023 – September 2023

- Enhanced overall test coverage in **C++**, improving overall code reliability and **reducing unit test execution time by 30%**
- Identified and resolved deficiencies in existing tests, **increasing safety, efficiency, and maintainability**
- Developed and maintained **Python-based tests** while enhancing microservices using **RESTful APIs** on embedded devices.
- Collaborated with **global engineering teams** to design and implement a **new API endpoint** for internal and external requests.

RELEVANT PROJECTS

Titanium Defect Tracking Application

Selmet Inc.

.NET, Blazor, C#, SQL

June 2024 – August 2024

- Developed a **.NET Web Application** to digitize manual defect tallying, improving data accuracy and workflow efficiency
- Delivered a **secure, scalable application** that **reduced data retrieval and analysis time by over 60%**
- Implemented **full-stack features** such as a user-friendly interface, authentication, authorization, **MS SQL Server** database management, and **RESTful APIs** to enable robust **CRUD operations** across relational databases.

Recipe Finder Application

Oregon State University

React, JavaScript, HTML, CSS

February 2024 – March 2024

- Designed and developed a Recipe Finder Application using **React, JavaScript, HTML, and CSS**, integrating the **Spoonacular API** to allow users to search recipes by **dietary preferences, cuisine types, and intolerances**
- Integrated features for viewing detailed recipes and saving favorites, creating a **user-friendly and interactive experience**
- Built a **responsive, full-stack solution** that streamlined recipe discovery and enhanced usability for end users.

TECHNICAL SKILLS

Programming Languages: C#, JavaScript, Python, C++, SQL, HTML, CSS

Frameworks: React, .NET Framework, Blazor

Databases: SQL Server, MySQL

Tools/Technologies: SSMS, Git, RESTful APIs, AWS, Google Cloud Platform

Relevant Coursework: Advanced Web Development, Cloud Application Development, Mobile Software Development, Analysis of Algorithms, Database Management Systems