

# Austin Nakamatsu

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## Experience

### Selmet Inc. MECOP Intern

Albany, OR  
June 2024 - December 2024

- Designed and developed multiple full-stack applications, including back end database storage system, secure authentication and authorization mechanisms, numerous RESTful APIs, and dynamic web interfaces to streamline operational workflows.
- Collaborated with engineers to gather project requirements and optimize performance of both new and outdated applications.
- Utilized advanced SQL scripts to consolidate multiple tables into a streamlined, application-specific table, enhancing both performance and readability
- Revamped and improved report structures for better readability, usability, and scalability.
- Handled IT tickets related to application issues, providing effective solutions to ensure timely user issue resolution.

### Cognex Corporation Software Engineering Intern

Portland, OR  
April 2023 - September 2023

- Enhanced overall test coverage in C++ to significantly reduce unit test execution time and enhance code reliability.
- Identified and resolved deficiencies in existing tests, increasing safety and efficiency
- Developed and maintained Python-based tests while enhancing microservices that used REST API endpoints on embedded devices
- Collaborated with engineering teams across global offices to develop a new endpoint that would handle both internal and external requests

## Skills & Interests

**Technical (Proficient):** Python, C++, C#, Java, React, SQL, RESTful APIs, Git

**Technical (Intermediate):** .NET Framework, Blazor, Azure Devops

**Interests:** Sports, Outdoor Activities, and Video Games

## Projects

### CS 494 Final Project

Designed and developed a recipe finder application utilizing the Spoonacular API, enabling users to search for recipes based on dietary preferences, cuisine types, and intolerances. Included features for viewing detailed recipes and favoriting preferred selections for easy access

## Education

### Oregon State University

B.S in Computer Science. GPA: 3.55

Relevant Coursework: Advanced Web Development, Cloud Application Development, and Database Management Systems

Corvallis, OR  
June 2025

### Mililani High School

Graduated with Summa Cum Laude Honors. GPA: 3.97

Member of Varsity Soccer Team

Mililani, HI  
May 2020