

Steven Akiyama ❖ <https://github.com/Steve-Akiyama>

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PROJECTS

Plant Growth with Reinforcement Learning

- Led a team in creating and solving a problem surrounding plant growth in a simulation. **Spring 2024**
Solution methods included:
 - Value iteration, every visit monte-carlo, REINFORCE, and a simple actor-critic.

Software Development

Fall 2023

- Collaborated with a small group to write an image viewer/editor in Python3, written to be useable by researchers and businesses with an interest in batch image processing.
 - Program development involved the SCRUM development process, EARS requirement syntax, UAT testing, and activity diagrams for each class.

Mobile Application Development

Winter 2024

- Led a team in creating a recipe searching, browsing, and saving app using the spoonacular API in Android Studio.

Database & Web Development

Fall 2023

- Created and managed an SQL database, and a webpage using SQL queries to perform CRUD operations on the database.
- Created a full-stack MERN web app to track exercises.

Other Projects & Accomplishments

- Created a small minesweeper app through MASMX86 (Microsoft Assembly for x86 processors.)
- Developed and created an OTP application to encrypt, send, and decrypt messages or data.

EDUCATION

Oregon State University

June 2025

BS, Computer Science

Corvallis, OR

- GPA 3.59

WORK EXPERIENCE

New Seasons

June 2022 - August 2022

Prep Cook & Dishwasher

Beaverton, OR

- New Seasons is a grocery store chain primarily located near Portland, OR. They are dedicated to their customers and community.
- As an employee at New Seasons, I was responsible for ensuring customer satisfaction with every visit, by ensuring that I kept my workstation clean and worked with my fellow employees to efficiently complete our daily tasks.

PROGRAMMING LANGUAGES, SKILLS AND INTERESTS

- **Languages:** Python3, C++, C, Javascript, Kotlin, Java, C#, Html, Masm x86 assembly.
- **Skills:** Teamwork, Leadership, Algorithms, SQL, MongoDB, Android Studio, Technical Writing, Reinforcement Learning.
- **Interests:** Cooking, Baking, Hiking, Running, Biking, Reading.