

Sean S. Lim

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EDUCATION

University of Washington – Seattle

Seattle, WA | Graduating June 2025

Bachelor of Science – Computer Science

- GPA: 3.79
- Interdisciplinary Honors Student, Computer Science Direct Admit
- CSE 14X (Intro to OOP), CSE 332 Data Structures and Parallelism, CSE 331 Software Design and Implementation

Issaquah High School

Issaquah, WA | Graduated June 2021

- GPA: 3.99

EXPERIENCE

Frontend/Backend Sub-team Lead

February 2022 – Present

UW Remote Hub Lab Stoma Team | Seattle, WA

Skills Involved: AWS (Amplify, Cognito, DynamoDB, REST API), Flutter, frontend/backend development

- Designed and setup the backend for the [Stoma Ostomate app](#) in AWS, ensuring the architecture was HIPAA compliant through the usage of services like Amplify, Cognito, S3 Glacier, DynamoDB, and REST API.
- Developed a mobile app for iOS and Android using the Flutter language, implementing a user-friendly UI and using the model-view-controller architecture.
- Onboarded new team members, explained the frontend/backend architecture and helped familiarize them with AWS and the Flutter language.

Automation Sub-lead

October 2022 – Present

UW Project IF (Indoor Farming) | Seattle, WA

Skills Involved: Internet of Things, hardware/software integration, engineering skills

- Leading the effort to automate components of an indoor hydroponics lab, with the eventual goal of integrating sensor readings and remote farm controls into a singular database.
- Researching and experimenting with smart switches to flexibly automate the grow lights in the farm.

RELEVANT PROJECTS

Satirical News Detection | <https://github.com/minorenji/satirical-news-detection>

Skills Involved: Python, scikit-learn, pandas, data manipulation

- Used a machine learning model in Python to detect whether a news article is satirical based on the headline.
- Learned how to use data science libraries like pandas and scikit-learn and experimented with different ML models, including SVM, decision trees, and naive bayes.
- Was able to tune the model to 80% accuracy for a data set with 13,000 entries.

Personal Website | <https://github.com/minorenji/mun-site>

Skills Involved: JavaScript, React, web development, Git, shell

- Gained experience with basic React, using components to modularize code and learned how to program in a more declarative style.
- Learned how to use Git through a Unix shell, cloning, committing, and pushing repositories.

SKILLS: Java, Flutter, Python, JavaScript, React, Git, AWS, Unix shell