Sean S. Lim

ssslim2002@gmail.com | (425) 606-0826 | Seattle, WA | LinkedIn | https://minorenji.github.io/

Second-year Student at UW Seattle

Second-year undergrad interested in full-stack development with experience in AWS and Flutter. Resourceful problem-solver with an ability to quickly become familiar with new technologies/frameworks to brainstorm and implement solutions.

EDUCATION

University of Washington – Seattle — Seattle, WA | Graduating June 2025

Bachelor of Science – Computer Science

- GPA: 3.79/4.0 (Dean's List)
- Interdisciplinary Honors Student, Computer Science Direct Admit
- Technical Lead @ UW Remote Hub Lab Stoma
- Automation Lead @ Project IF

SKILLS: Java | Flutter | Python | JavaScript | React | AWS | Unix shell

EXPERIENCE

UW Remote Hub Lab Stoma Team | Seattle, WA | Technical Lead | 02/2022 – Present

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.
- Taught myself the Flutter language to develop a mobile app for iOS and Android, implementing a user-friendly UI and a model-view-controller architecture.
- Onboarded new team members, explained the frontend/backend architecture and helped familiarize them with AWS and the Flutter language.

UW Project IF (Indoor Farming) | Seattle, WA | Automation Lead | 10/2022 – Present

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.

PROJECTS

Ostomate App

Lead developer for the Ostomate App, which aims to provide a better technological solution for stoma management. The app solves such issues with a 3D profile of the stoma so patients can measure their ostomies with high accuracy and have their ostomy supplies be cut to the correct fit (more info).

Satirical News Detection

Used a machine learning model in Python to detect whether a news article is satirical based on the headline. Using data science libraries like pandas and scikit-learn and experimenting with different ML models, including SVM, decision trees, and naive bayes.