Sean S. Lim

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EDUCATION

University of Washington – Seattle   Seattle, WA | Graduating June 2025
Bachelor of Science – Computer Science

- GPA: 3.82
- Interdisciplinary Honors Student, Computer Science Direct Admit
- 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 HIPPA 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.

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

- 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 shell, cloning, committing, and pushing repositories.

League of Legends Match History Analysis | https://github.com/minorenji/RiotAPIExploration
Skills Involved: Python, JSON manipulation, using APIs

- Developed a Python program to retrieve League of Legends match data for any user through the Riot Games API.
- Learned Python data structures such as lists and dictionaries to process and organize the data into JSON files.
- Learned how to use an API to fetch data and manipulate it using Python libraries.

SKILLS SUMMARY: Java, Python, JavaScript, React, Git, AWS, Flutter