

HYUNJO LEE

E-mail: lhjoellee@gmail.com | Phone: (619) 712-9861 | LinkedIn: www.linkedin.com/in/hyunjoleejoelee0108 |
Github: <https://github.com/hyl130> | Personal: <https://hyunjo.vercel.app/>

EDUCATION

University of California, San Diego

Expected to graduate in June 2023

Bachelor of Science

Overall GPA of 3.67

- Major in Computer Science, Minor in Mathematics.

Completed courses: Advanced Data Structures, Design & Analysis of Algorithm, Machine Learning, Operating Systems, Deep Learning, Artificial Intelligence, Computer Security, Database System Principles, Linear Algebra, Calculus, Statistical Methods

SKILLS

Java | Python | C/C++ | JavaScript | Pytorch | ReactJS | React Native | HTML | CSS | SQL | Figma | Git | R | WIN32 API |
ARM assembly | System Verilog | MATLAB | High Motivation | Disciplined Engineer | Leadership

EXPERIENCE

San Diego Supercomputer Center

San Diego, California

Software Engineer Intern

July 2022 - September 2022

- Created a **python script** to completely migrate a manual workflow into an automatic process that checks for 1000+ customers' contact information in 6 minutes and 30 seconds.
- Incorporated a **Selenium** package to grab HTML elements from the company's page, Microsoft Dynamics libraries to query contact information, Google Drive **API** to upload output files and Slack Webhook API to send the message on Slack.

DormIt

San Diego, California

Web Developer / Mobile App Developer

June 2022 - September 2022

- Developed interactive web interfaces for several web pages using **ReactJS**, **CSS**, **React Bootstrap**, and **MUI** components.
- Constructed the landing screen and the order task screens for the rusher version of the mobile app using **React Native**.
- Inspected to make sure the applications are responsive.

Fasoo

Seoul, South Korea

Software Engineer Intern

June 2021 - August 2021

- Composed own version of a file monitoring program that detects all the changes being made in the input directory such as creating, deleting, and renaming the file using **C++**.
- Implemented a Dialog-based **Win32 C Program** that reads different inputs from the users by using multiple threads.

PROJECTS

Zesty

September 2021 - December 2021

- Designed and implemented a user-friendly web application that allows users to search for recipes and their favorites.
- Utilized **HTML** and **JavaScript** to build out all the features for this web application, then incorporated **CSS** to style all the page components. Also, used **figma** to create initial designs.
- Worked with a well-known recipe **API** to get specific recipes that match the user's search criteria.
- Project Link: <https://lucid-borg-00ad57.netlify.app/>

Food Classification

January 2022 - February 2022

- Using the Convolutional Neural Networks with **pytorch**, I extracted different features of the food and fed it into my fully connected layer.
- By applying different hyperparameters, I trained the model to maximize the validation accuracy and correctly classify the food image.

Huffman Compression

May 2019

- Using the Huffman coding, I implemented my version of the file compression in **C**.
- Compress the file into a smaller size with encryption and uncompress back to the original file.

2048

February 2018

- Implemented own version of the game 2048 using Object Oriented Design that the users can play through the terminal console output. **JAVA Graphical User Interface** was used to visually display the game.