

# Minji Yun

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## EDUCATION

### University of California, Davis

*Bachelor of Science in Computer Science*

Davis, CA

Sep. 2021 – Jun. 2025

## EXPERIENCE

### Software Engineer Intern

*SelfActualize.AI*

Jun. 2024 – Sep. 2024

San Francisco, CA

- Developed and maintained front-end features for AI coaching service using HTML, CSS, JavaScript, TypeScript
- Wrote Lambda codes to enable certain features and to optimize back-end microservices and APIs with Python and JavaScript
- Prompt engineered to fine-tune GPT4o model so that the AI coaches were fit to their real life characters
- Wrote tests and helped debug issues to ensure high performances and responsiveness

### Tech Lead

*Google Developer Students Club*

Jan. 2023 – Feb. 2024

Davis, CA

- Developed an AI/ML based recycling app that classifies garbage materials and tells how accurate its prediction is when users take or choose photos using Flutter, TensorFlow, and Google Colab
- Collaborated with a team to highlight the inefficiency of the current recycling system in the U.S. and to provide guidance for a new system that sorts every material possible; Won the 2023 Winter Quarter Most Creative Project Award
- Developed an AI/ML based app that generates a curated color palette from the pictures taken or chosen, later developed it into a palette sharing social media app using Flutter, scikit-learn, and Flask; Won the 2023 Spring Quarter Best Beginner Project II Award

### LikeLion US @ UCD

*Tech Entrepreneurship Community*

Sep. 2023 – June. 2025

Davis, CA

- Developed a prototype for a sign language translating app that provides live translation subtitles when using phone camera or making video calls in effort to resolve communication difficulties for the Deaf
- Won 1st place at the 2023 LIKELION US Ideathon
- Developed the official website for LikeLion @ UCD using HTML/CSS/JavaScript

### Society of Manufacturing Engineers @ UCD

*Officer*

Sep. 2022 – Sep. 2023

Davis, CA

- Organized, promoted, conducted general meetings/events, and coordinated officer meetings
- Tutored UC Davis undergraduate physics courses

### Programming Intern

*Notre Dame University - QuarkNet*

Jun. 2020 – Jul. 2020

Notre Dame, IN

- Developed a program in Python that analyzes 100,000 dimuon collision events to enhance the accuracy, efficiency, and the data intake amount for the current analysis method
- Integrated raw data of collisions to calculate invariant mass of dimuon pairs and to perform Lorentz transformation

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, C++, R, Dart, Kotlin, HTML, CSS, JavaScript, TypeScript, MATLAB

**Developer Tools:** GitHub, Linux, Flutter, Flask, AWS, React, MongoDB

**Libraries:** NumPy, pandas, pytorch, scikit-learn, tensorflow, Matplotlib, ggplot2, seaborn, MUI

**Other Tools/IDEs:** Visual Studio Code, IntelliJ IDEA, Android Studio, Figma, SolidWorks

**Languages:** English, Korean, Spanish (intermediate)

## RELEVANT COURSEWORK

- Machine Learning Methods and Theory
- Object Oriented Programming
- Data Structures and Algorithms
- Statistical Data Science
- Assembly Language
- Probability Theory
- Game Theory
- Linear Algebra
- Calculus
- Physics - Mechanics