

## Eugene Song

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### EDUCATION

#### Oregon State University – Corvallis, OR (Remote)

Expected Grad: December 2023

#### Bachelor of Science in Computer Science (3.88 GPA)

Relevant Coursework: Data Structures, Algorithms, Web Development, Databases, Operating Systems, Software Testing, Parallel Programming, Open Source Software

#### California State University – Long Beach, CA

June 2021

#### Bachelor of Science in Health Science, Specialty in Community Health

### SKILLS & CERTIFICATIONS

- Languages: Swift, Python, Java, Javascript, MySQL, Typescript, C, Pega
- Tools & Frameworks: React, React Native, Express, MongoDB, NodeJS, Firebase, Postman, Parse, Cocoapods, Git
- Understanding of: Kubernetes, Docker, CI/CD, Agile, SaaS, Test Driven Development (TDD), REST APIs
- Certification: 1st Place Codepath Fall 2022 National Demo Day - iOS Mobile App (FUUD) [Certificate](#)

### PROJECTS

#### “Omok” Web Application | *Personal*

[Website](#)

- Designed and launched a real-time multiplayer online game, "Omok" (5-in-a-row), allowing 1:1 player matchups.
- Engineered a robust backend API, streamlining client-server interactions for an enhanced gameplay experience.
- Leveraged advanced web technologies including Typescript, Javascript, NextJS, and integrated Firebase Firestore and Firebase Auth for seamless user authentication and data management.

#### “FUUD” iOS Mobile App | *Team of 5*

[View Project in Github](#)

- Developed the algorithm to allow users to infinitely scroll through the stack of restaurant cards with continuous API calls to retrieve nearby cities.
- Collaborated on the integration of a Parse backend database to store current user information and their saved restaurants.
- Utilized: Storyboard, Swift, Cocoapods, Parse, Koloda, Yelp API, GeoDB Cities API

#### “Loo-” Public Restroom Finder iOS Mobile App | *Personal*

[View in App Store](#)

- Published to the App Store, making it easily accessible to users looking for a reliable and convenient way to find public restrooms.
- Implemented integration with the Refuge Restrooms API, allowing users to easily locate and access public restrooms in their area.
- Utilized: Fully Programmatic, UIKit, Swift, Cocoapods, Refuge Restrooms API, CoreLocation, MapKit

#### Single Page Web Application: Exercise Tracker | *Personal*

[View Project in Github](#)

- Implemented REST APIs to perform CRUD operations on a backend database
- Built a frontend display for users to track their number of exercise reps, sets, and date of completion.
- Utilized: MongoDB, Express, React, NodeJS

### EXPERIENCE

#### enGen - Software Engineering Intern | Remote

May 2023 - Present

#### LA Hacks - Hacker | Los Angeles, CA | *Team of 3*

April 2023

- Developed a banking mobile application, *myBank*, as a participant in L.A. Hacks hackathon at UCLA [Github](#)
- Won University Credit Union’s (UCU) category prize

#### Codepath - iOS Development | Remote

September 2022 - November 2022

- Completed an intensive 10-week iOS-app-development program, focused on equipping students with the skills to develop full-stack mobile applications