

Daniel Le

iOS Software Engineer

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EXPERIENCE

Project: Drift Message

July 2025 - October 2025

- Built the user interface using **SwiftUI**, delivering a clean and responsive design.
- Implemented backend services using **Firebase**, including user registration and authentication with **Firebase Authentication**.
- Stored user data—such as profiles, messages, and friend lists—using **Firestore Database**.
- Handled large media attachments (photos, videos, files) through **Firebase Storage** for efficient uploading and retrieval.
- Integrated **Firebase Cloud Messaging (FCM)** to send push notifications for new messages.
- Utilized the **Kingfisher** open-source library to download images from URLs and cache them for improved performance and reduced network usage.

Project: Expense Counter (iOS application: [Available on the App Store](#))

June 2025 - July 2025

- The app allows users to track their expenses, categorize them, and view a summary of their monthly spending.
- The frontend of the application is built with SwiftUI.
- All user data is stored locally using Core Data, eliminating the need for any server costs.

Project: AlchemyLab

April 2025 - May 2025

- Developed a web application that delivers approachable and engaging chemistry lessons to help new learners grasp complex topics with ease.
- Designed and implemented a responsive frontend using **React** and **Bootstrap**, leveraging component-based architecture for modularity and reusability.
- Built reliable and scalable backend services using **Java** and the **Spring Boot** framework.
- Integrated **AWS DynamoDB** for user data storage, **Amazon ECS (Fargate)** for application deployment, and **AWS SES** to handle user support emails.
- Ensured robust deployment and seamless accessibility through a public load-balanced infrastructure.

Project: MunchPlanner (iOS application: [Available on the App Store](#))

November 2024 - March 2025

- Developed a local meal-planning iOS application that enables users to schedule meals, list ingredients, and follow step-by-step cooking instructions.
- Designed the user interface with SwiftUI and structured the app using the MVVM architecture. Utilized SQLite to store meal plans and ingredient data.

EDUCATION

California State University, Fullerton

Bachelor's Degree in Computer Science

AUGUST 2020 - JUNE 2024

Coursework: Data Structures and Algorithms, File Structures and Databases, Computer Networks, Artificial Intelligence, Operating Systems, Cloud Computing, and Mobile Development.

SKILLS

- **Programming languages:** Swift, Java, Python, HTML, CSS, JavaScript, C/C++
- **Frameworks:** UIKit, SwiftUI, Spring Boot, Bootstrap
- **Tools:** Xcode, Git, VSCode, Terminal, SQLite, Docker, AWS, Firebase
- **Platforms:** iOS, iPadOS