

Jaewon Oh

Software Engineer

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SUMMARY

iOS Developer with one year of experience in Swift, SwiftUI, and backend technologies. Passionate about building high-performance apps and optimizing user engagement. Strong background in iOS app analytics and data-driven improvements

SKILLS

Swift | SwiftUI | UIKit | Python | CocoaPods | Core Data | MVC & MVVM architecture | JavaScript | RESTful APIs | Node.js | Express.js | Firebase | Supabase | Xcode | Git | SQL | HTML | CSS | Go | C++ | C programming language | Ruby | English | Korean | Apple Connect

PROFESSIONAL EXPERIENCE

Berkeley Mobile Developer

2025.01 - Present

- Built 10+ data scrapers using JavaScript Cloud Functions to fetch events, dining, library, and gym info
- Optimized backend integration, improving app response time by 30%
- Managed 5+ CocoaPods dependencies and streamlined Xcode workspace setup for seamless development

BLUES Lab Research Assistant

2025.01 - Present

- Analyzed 50+ browser extensions for online fraud, focusing on affiliate tag substitution
- Used static analysis to uncover fraud in coupon extensions, exposing a 20% commission hijack
- Developed expertise in JavaScript data analysis and research methodology

PTKorea (iOS Data Analysis Internship)

2024.05 - 2024.08

- Developed custom scripts to analyze 1M+ data points from the Samsung Shop iOS app.
- Tracked iOS traffic and evaluated key app metrics during 5+ major promotions
- Provided actionable insights to optimize app performance and enhance user engagement strategies, using Apple Connect

SKILLS

UNIVERSITY OF CALIFORNIA, BERKELEY Berkeley, CA

Bachelor of Arts, Major in Computer Science

2020-2025

ST.MARY'S SCHOOL

Medford, Oregon

High School

2017-2020

PROJECTS

Berkeley Mobile

- ASUC OCTO-run App, available on App Store; helps students access campus resources; firebase; google cloud; SwiftUI, SwiftKit

iOS Schedule Planner

- MVVM: Data binding(SwiftUI bindings), Unit Testing(Used ViewModel), API handling(Fetched data in the ViewModel and passed clean data models to the View)

iOS Message Scheduler

- UI/UX(SwiftUI), backend(supabase), Team collaboration, agile development

CERTIFICATES AND LICENSES

Meta

- iOS Mobile Application Development [Credential ID: DO0JRZXH7XG8]
- Back-End Development [Credential ID: 9EFUERRCI7E7]
- Programming in Python [Credential ID: RV7QYFHC7FRQ]

COMPUTER SCIENCE COURSES

Algorithms | iOS Mobile Development | Full Stack Development | Structure and Interpretation of Computer Programs | Principles and Techniques of Data Science | Operating Systems and System Programming | Machine Structures | Linear Algebra and Circuits I | Foundations of Data Science | Discrete Math and Probability | Database Systems | Data Structures | Computer Security | Computer Graphics | Artificial Intelligence