

Ethan Waters

EthanWaters@cox.net | 949-302-5527 | [My Web Portfolio](#) | Lake Forest, California

Objective

Versatile software developer with a focus on Swift and user-centered design, passionate about building intuitive apps that connect people and solve real-world problems.

EDUCATION

University of California, San Diego — B.S. Cognitive Science, Specialization in Interaction and Design

EXPERIENCE & PROJECTS

iOS Developer — InstaJam (January 2025 - Present)

- Designed and developed a full-featured SwiftUI app enabling musicians to discover, connect, and coordinate jam sessions and music events.
- Architected navigation using NavigationStack with custom AuthRoute enum to support profile onboarding, tab-based main views, and nested modals
- Integrated location-based discovery using CoreLocation and Firestore geo-filters to match users with nearby musicians or events.
- Centralized state management using ObservableObject singletons (ChatStateManager, EventStateManager, FirebaseService) for app-wide live updates.

Web Application Intern —Pledgestar (May 2024 - January 2025)

- Collaborated within a SaaS product team to design, develop, and deploy scalable progressive web applications using modern JavaScript frameworks
- Optimized cross-device performance and load times, ensuring a seamless UX across browsers and network conditions
- Implemented UI enhancements and feature iterations based on user feedback and analytics to drive engagement and retention.

Swim Meet Manager — Orange County & San Diego (2021-Present)

- Managed end-to-end logistics for high school and collegiate swim meets, including athlete registration, timer coordination, and hardware setup
- Leveraged data-driven scheduling to optimize heat assignments and event timelines
- Proactively diagnosed and resolved on-site operational issues, enforcing NFHS/USA Swimming regulations to ensure seamless competition flow