

WILLIAM KIRKPATRICK

iOS Developer | Computer Science Student
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OBJECTIVE

iOS developer with five published App Store applications seeking a summer 2026 internship. Passionate about building intuitive, user-focused products and bringing strong hands-on experience in Swift, SwiftUI, and full development lifecycle management.

PROJECTS — PUBLISHED iOS APPLICATIONS

Manzanita | Swift, SwiftUI, Google Firestore, MapKit

- Built and published iOS app to increase awareness of Manzanita species and their geographic ranges; designed and shipped end-to-end as solo developer
- Implemented Google Firestore to manage and serve plant images, species data, and range information at scale
- Designed intuitive UI/UX following Apple Human Interface Guidelines using SwiftUI

Golf Statistics | Swift, SwiftUI, Core Location, Google AdMob

- Developed and published golf tracking app with real-time GPS-based shot distance measurement using Core Location; surpassed 1,000 downloads
- Integrated Google AdMob for in-app advertising and monetization; managed complete development lifecycle from concept through App Store deployment

RulerGPS | Swift, SwiftUI, Core Location

- Built and published utility app that calculates the precise distance between two user-selected GPS coordinates in real time
- Leveraged Core Location for accurate geospatial measurements; designed minimal, intuitive interface for quick field use

California Oaks | Swift, SwiftUI, Google Firestore, MapKit

- Developed community-driven iOS app featuring account creation, user posting, commenting, and editable map region overlays for oak species documentation
- Architected Firestore backend to handle user accounts, community posts, and dynamic map data; UI pattern mirrors Manzanita with added social features

West Coast Fog | Swift, SwiftUI, MapKit, GOES Satellite API

- Built live weather app delivering real-time GOES satellite imagery across West Coast regions with animated daily playback of satellite frames
- Integrated satellite data pipeline to fetch, cache, and animate imagery; enables users to track fog and cloud movement across multiple coastal areas

PROFESSIONAL EXPERIENCE

Programmer & Golf Instructor

January 2021 – January 2022

Dryvebox — San Francisco, CA

- Developed email/password sign-in authentication for iOS app using SwiftUI, improving user onboarding flow and security
- Maintained and updated company website using Swift, Python, HTML, CSS, and JavaScript
- Collaborated with cross-functional team to implement features and resolve technical issues

Driving Range Attendant

Mar 2016 – Jan 2021 | Sep 2024 – Aug 2025

Stanford University Golf Course — Stanford, CA

- Demonstrated strong customer service skills and operational efficiency in fast-paced environment
- Managed POS systems and cash handling with consistent accuracy

Outside Services Attendant

September 2022 – May 2024

Mayacama Golf Club — Santa Rosa, CA

- Provided exceptional service in member-focused, high-end hospitality environment
- Coordinated logistics and maintained equipment to ensure optimal facility operations

EDUCATION

Bachelor of Science in Computer Science

Expected 2027

University of the Pacific — Stockton, CA | GPA: 3.8

TECHNICAL SKILLS

Languages:	Swift, Python, JavaScript, HTML, CSS
iOS Frameworks:	SwiftUI, UIKit, Core Location, Google AdMob, Google Firebase/Firestore, MapKit
Tools:	Xcode, Git, RESTful APIs, App Store Connect, GOES Satellite API
Concepts:	Object-Oriented Programming, Data Structures, Algorithms, UI/UX Design, Version Control