

Addison Webb

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Software engineer and consultant experienced in building high-quality software used by millions of people.

Skills

Swift, Objective-C

SwiftUI, UIKit, Auto Layout

Team Management

CI/CD Workflows (GitHub, GitLab, Fastlane)

SPM / Carthage / Submodules

Swift Concurrency

Professional Experience

Lead iOS Engineer, Mad Mobile

September 2023 - November 2024

- Responsible for all development and maintenance of the MenuPad iPadOS app
- Identified and prioritized key parts of the app that needed to be refactored
- Mentored junior developers through 1-on-1 sessions, pair programming, and code reviews
- Established an iOS style guide for the company
- Created a formal process for the team to propose changes to and ratify our style guide and standard operating procedures
- Formally recognized members of my team when they did good work
- Set a high standard for internal communication and presentations

Senior iOS Engineer, Big Nerd Ranch

July 2020 - September 2023

- Core contributor on initiative to fully migrate to SwiftUI and Swift concurrency on an App Store top 100 app
- Led effort to enable strict concurrency checking on large app in advance of Swift 6
- Led team responsible for building a framework for remote check deposit functionality
- Reduced build times by 50%, saving significant developer time and CI/CD tooling costs
- Assisted in teaching the customer-facing SwiftUI Essentials course and course material development
- Contributed to company culture and team growth by organizing and planning knowledge shares

Founder, Code Bits LLC

Est. 2014

- Architected and built the #1 ranked Michigan travel app on the App Store (Explore Michigan)
- Architected and built the server-side Swift API that serves data to the app and renders the website

- Containerized the server application for deployment
- Developed the Explore Michigan Partner Program, providing revenue to operate the business while delivering valuable promotion to our partner organizations

Senior iOS Engineer, Black Pixel

December 2018 - June 2020

- Integrated Core ML model into an iOS application that showed a live video stream from the built-in camera with regions annotated to indicate points of interest detected by the model
- Lead engineer on a small team responsible for restoring a popular macOS application
- Provided comprehensive code reviews that were helpful and kind
- Made significant contributions to company CI/CD standards for iOS applications

Senior iOS Engineer, iScribeHealth

April 2018 - November 2018

- Created CI/CD workflows for key tasks including requiring tests pass before PRs can be merged and handling app store submission
- Collaborated with the backend team to design backwards compatible APIs

iOS Engineer, Ramsey Solutions

January 2016 - April 2018

- Refactored architecture to a more MVVM-like architecture
- Automated app distribution and unified app signing process with Fastlane

iOS Engineer, CU*Answers

October 2015 - January 2016

- Lead iOS engineer for project to build a white label mobile banking application
- Architected and built solution that allowed for new, custom app in 1 hour
- Produced customized app for over a dozen credit unions
- Automated app distribution with Fastlane

iOS Engineer, Maestro

September 2014 - October 2015

- Lead iOS engineer on retail training iOS app for large computer manufacturer
- Maintained legacy applications to ensure quality and performance

Projects

Explore Michigan (Website, iOS App) - <https://goexploremichigan.com>

Education

Western Michigan University

Degree: Computer Science (2014)

Links

Website: addisonwebb.com

Github: github.com/addisonwebb