

Taylor Shaw

iOS Developer

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Profile

- Cardiac arrest and subsequent anoxic brain injury survivor
- Resilient in the face of adversity
- Passionate about accessible design
- Entrepreneurial drive to develop technical, creative solutions to accessibility problems

Skills

- Accomplished Swift/ iOS application engineer with both UIKit and SwiftUI
- Experienced with Figma and an Agile development environment: Jira, Confluence, CircleCI, GitHub
- Familiar with multiple design patterns, including MVvM, MVC, and The Composable Architecture (TCA)
- 5+ years' experience working with Python
- Web development experience: HTML, CSS, JavaScript, React

Ongoing App Development

Floor Estimator | May 2024 – Present

- Currently in active development
- Allows flooring professionals (in construction) to record measurements and calculates how much material to buy based on those measurements
- Native iOS app utilizing TCA (The Composable Architecture), Swift-Tagged, Firebase Auth, and Firebase Firestore

Meetup App | Feb 2024 – Present

- Currently in active development
- App platform that facilitates social connection
- Native iOS app utilizing TCA, Firebase Auth, and Firebase Firestore

Right Dvorak | Jan 2020 – Present

- Published to AppStore in August 2020
- Custom keyboard iOS app that allows users to leverage an alternative keyboard layout (Dvorak-Right-handed) on their iPhone/ iPad
- Dvorak-Right-Handed is an accessible keyboard layout meant to only use the right hand

- Continuing to release updates, including improved UI that is responsive to light/ dark mode, different displays according to screen size, haptics and sound effects, among other improvements
- Native iOS application using MVC and UIKit

Professional Experience

Indigo Ag. | July 2022 - March 2023

Software Engineer

- Built iOS apps for farmers as part of the mobile team
- Collaborated with PM, UX, and QA to provide a high quality product
- Built a considerate location/ notification prompt that only requests permissions once, after demonstrating value to the user
- Rebuilt a legacy (UIKit/ MVC) log in screen to the latest technologies (SwiftUI/ TCA)
- Wrote an appropriate testing suite for each new feature created

Daily Dress Me | May 2019 – Aug 2019

Technology Intern

- Worked closely with company founder/ UX designer to create the front-end iOS application using UIKit, storyboards and Swift

Education

Massachusetts Institute of Technology B. S. Computer Science and Molecular Biology

- Graduated 2021 (3.8 GPA)

Other Interests

Member of the MIT Art Scholars

- Fosters an active arts community at MIT