

# Dylan McCarthy

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**LinkedIn:** [linkedin.com/in/dylanmccarthy/](https://www.linkedin.com/in/dylanmccarthy/)

**GitHub:** [github.com/dmccarthy6](https://github.com/dmccarthy6)

**Portfolio:** [dylanios.dev](https://dylanios.dev)

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## TECHNICAL SKILLS

- **Proficient:** Swift, Objective-C, Core Data, Core Bluetooth, Core Location, Core Animation, CloudKit, UIKit, SwiftUI, XCTest, Git, HomeKit, WatchOS, AVFoundation
- **Exposure:** Firebase, Combine, CircleCI

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## PROFESSIONAL EXPERIENCE

### August Home | Senior iOS Engineer | SF/Remote

Feb 2021 - Present

- Prevented crashes by refactoring QR Code scanner view utilizing SwiftUI and AVFoundation.
- Architected new setup flow using SwiftUI improving the setup experience.
- Created design system library utilizing SwiftUI, and Swift Package Manager to help drive consistency between views.
- Collaborated with Product, Firmware, and Backend teams to improve HomeKit setup success by over 50%.
- Refactored CircleCI deployment utilizing fastlane to support new App Store Connect API preventing CI failures while keeping the release train on track.

### Mraz Brewing Company | iOS Engineer | Contract

Nov 2018 - Nov 2019

- Developed native iOS app to provide brewery customers with one-stop access to information including all past beers as well as beers currently on tap using Swift, Core Data, and Google Places API.
- Created push notification to alert customers on proximity to brewery location utilizing Swift and Core location to implement Geofencing functionality.
- Increased unit test coverage of networking functions and local data storage by 75% using Swift and XCTest.
- Minimized database queries by leveraging Core Data to cache fetched information, improving performance by ~50%.
- Architected network layer for fetching API data using URLSession, protocols, and generics to implement a reusable and testable networking API in Swift.
- Designed user interface to be adaptive by using AutoLayout and programmatic UIViews to support multi-device use.
- Refactored entire mobile platform into iOS 13, enabling support for dark mode and SF symbols, improving UI/UX, while reducing memory size of icon assets.

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## EDUCATION

Bachelor of Arts in History, *University of Scranton*

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## PROJECT WORK

### Tasks | iOS Engineer | [App Store](#) | [GitHub](#)

Sep 2017 - May 2018

*To-Do list application built with Swift designed to keep users accountable by allowing them to add tasks to their calendar.*

- Remodeled data sync functionality using Swift, Core Data, CloudKit, and NSPersistentCloudKitContainer to reduce code base by 5% and improve reliability.
- Built embedded framework to share data between application and Today Widget by moving Core Data model into the framework, providing access to local storage database.
- Refactored database layer using protocols for reading from and writing to the database, creating flexible database that provided better separation of concerns.

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## CERTIFICATIONS

iOS Development Certificate, *CareerFoundry*

Jan 2019