

DYLAN McCARTHY

iOS Engineer



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PROFILE

iOS Engineer proficient in Swift, using SOLID principles, Object-Oriented Programming and Protocol Oriented Programming. Experience implementing MVC architecture and familiarity with MVVM and MVP. Well versed in networking using RESTful API's, multithreading using GCD and version control with GitHub.

EXPERIENCE

DJM Labs

Nov 2017 - Present

iOS Engineer & Founder

- Mraz Brewing Company



- Wrote the application in Swift, used Auto Layout to programmatically create the User Interface.
- Chose Core Data for local persistence which is used when users select favorite beers from list.
- Applied Core Location and Geofencing to deliver Push Notifications when near brewery location.
- Provided a map with local restaurants and contact information using MapKit and Core Animation.
- Created custom browser buttons and displayed brewery website using WebKit.
- Used Firebase to enable the brewery to send Push Notifications with information on special events.

- Tasks



- Created using Swift, converted UI from Storyboards to programmatic layout.
- Used Core Data NSFetchedResultsController to persist data and update TableView data source.
- Utilized CloudKit NSPersistentCloudKitContainer to sync data between iOS devices.
- Implemented custom animations to show reminder Date Picker hidden in a TableView Cell.
- Used Local Notifications when sending reminders to user and Push Notifications when syncing.
- Monitoring Core Data performance and memory leaks using Xcode instruments.
- Created a custom framework to hold API in order to support Today & Share Widgets.
- Created a Today Widget to keep track of tasks that have reminders set.

COMMUNITY ENGAGEMENT

- Attend local iOS Meetups including Swift Language User Group(SLUG) and SF iOS Coffee.
- Active member of Swift Miami Meetup contributing to code discussions and Meetup presentations.

SKILLS

- Swift
- UIKit
- Notifications
- Objective-C
- Core Data
- CloudKit
- Firebase
- Core Location
- Core Animation
- CocoaPods
- XCUITest
- XCTest

EDUCATION

CareerFoundry

Certificate, iOS Development

December, 2018

University of Scranton

Bachelor of Arts, History

December, 2006