

Idelfonso Gutierrez

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Software Developer

Technologies: MVVM, TDD, BDD, MVC, Coordinator Design patterns. API dev, dependency managers, version control, Testing suite, CI/CD, iBeacon, reactive libraries, release process, database, Objective-C, Swift

Project Experience

Reminders API:

- A server-side application using PostgreSQL database, Vapor and Swift to store `Todos` for `Users`
- Use the Swift package manager to store Models to be used in the backend app as in the front end app

YellowPepper:

- A set of white-label apps dedicated to service major banks in LATAM
- Worked with Objective-C and Swift in parallel to solve issues arising in production
- Worked with project managers and quality assurance to help reproduce issues

MMMap:

- A startup app in collaboration with a partner, which organizes user events with location and transit to help achieve ultimate attendance.
- Implemented CoreLocation with public transit data in order to help you visualize a user's events
- Used MapKit and UIKit to show a common map of pins with a callout view for more info.

Work Experience

Lead iOS Developer | GrowIt! | Chicago, U.S. | currently

- In order to increase 40 percent of the user base for our third-party clients, I implemented beacon technology, on-device database, and a map library, which helped the company finalize more 3 contracts
- Use mobile instrumentation tools to increase the efficiency of compilation time from 5 minutes to 2 minutes and a half. Additionally, this help catch data race conditions between Swift and Objective-C
- Implement Behavior Driven Development, which is a document base layer for stakeholders to help understand the situation, requirements, actions and results for every new and legacy feature.
- Automate the unit testing suite, app production submission, and quality assurance builds using continuous integration and continuous deployment pipeline using Fastlane.
- Help the community team decrease the amount of time reviewing inappropriate content by implementing an image machine learning model based on a plant database to identify things that are *not* plants.

Technical Analyst iOS Developer | Solstice Consulting | Chicago, U.S. | Sept. 2017 - Feb 2018

- Developing and maintaining ongoing project using unit testing frameworks, AWS APIs and Protobuf
- Communicate with clients in order to address concerns and drive feature between hardware and iPad App
- A presentation about machine learning intro which helped implement image recognition on a robot

Intern iOS Developer | YellowPepper | Miami, U.S. | Nov. 2016 - May 2017

- Worked with multiple iOS mobile banking projects developed with Objective-C and third-party frameworks.
- Worked with an off-site team and product owner (different time zones) in order to address patch fixes
- Addressed client's concern regarding the app's privacy policy which helped move faster into the App Store release process.
- Developed, released, and debugged the client's native apps.

Education

iOS Developer Nanodegree at Udacity | Sep. 2016 - Dec 2016

Startup Cohort II StartupFIU | Jan. 2017 - Apr. 2017

B.S. Information Soft. Technology at Florida International University | Aug. 2012 - May 2016

Minor: Social Media and E-marketing Analytics