Idelfonso Gutierrez

Software Developer

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Technologies: Mobile Design Patterns, API Dev, Objective-C, Swift, Unit Test, CI/CD, Version Control, iBeacon, UI Reactive Extension, Release Process, Database, Dependency Managers, JIRA

Work Experience

iOS Developer | GrowIt! | Chicago, U.S. | Feb 2018 - Present

- 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 **3 more contracts**
- Use mobile instrumentation tools to increase the efficiency of compilation time from five minutes to two 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 projects using unit testing frameworks, **AWS APIs** and **Protobuf**.
- Development of features between **Internet of Things device** 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 apps** 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 in order to submit to App Store.

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.

MMMapp:

- Use the **EventKit iOS framework** to read, write and delete events from the user device
- Sort the user's event onto Google maps by timeline, allowing them to edit those ones without a location.
- Connect the Lyft SDK to request a ride to those events, everything from within the app.

Stranded-at-an-airport:

- Use the **Reminders API** project as the backend service for this iOS app
- Allow users to create records, sort the JSON response by the airport they are located
- Use **Apple Push Service** to notify users when another person posted a form in the same airport.

Education

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

- Minor: Social Media and E-marketing Analytics

iOS Developer Nanodegree at Udacity | Sep 2016 - Dec 2016

Startup Cohort II StartupFIU | Jan 2017 - Apr 2017