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Summary

Design-natured, self-taught Swift iOS developer with 3 years of experience looking for the new challenge of bringing my mobile expertise to a dynamic team environment

Experience

IOS DEVELOPER, INDEPENDENT; AUSTIN, TX — 2015-PRESENT

- ▶ Ideas of Ten: *An app that encourages creativity by capturing daily ideas for projects, businesses, etc.*
 - ▶ Leveraged Realm 3rd party library (CocoaPod) local mobile database for data persistence
 - ▶ MVC Architecture – mix of storyboard and modular UI components
 - ▶ Applied Clean Coding Principles to facilitate well documented code
 - ▶ Wireframed UX/UI of app in Sketch then implemented with animations in Xcode IDE
 - ▶ Applied Agile management employing Trello kanban board
 - ▶ Next version: Send an idea or a bookmarked list to a friend via iMessage, Local notifications
- ▶ ATXWecycle: *An app that helps people remember when to bring recycling to the curb*
 - ▶ Utilized Alamofire and SwiftyJSON CocoaPods for RESTful API services
 - ▶ Employed CoreLocation framework to apply a reverse geocode lookup for recycling addresses against the City of Austin's open data API
 - ▶ Scheduled local notifications to remind the user the day before with UIPickerView to change time
 - ▶ Heavy string manipulation to mold UITextField data into API recognizable data & vice versa
 - ▶ Next version: Hone UX, Full UI redesign, update to Swift 4
- ▶ Language: Swift Version Control: Git/Github
- ▶ Frameworks: Cocoa Touch, UIKit, Foundation, MapKit, Core Location; Cocoa Pods - Realm, Alamofire, SwiftyJSON, SnapKit
- ▶ Technologies: Xcode IDE, Auto Layout, Size Classes, REST, Parsing JSON, Unit Testing, App Store Distribution, MVC Architecture, Data persistence, Xib/Storyboard/Programmatic views, Local Notifications, Apple Human Interface Guidelines, Debugging, Application/View lifecycle
- ▶ Volunteer iOS Dev. – 3 Day Startup Global Roundup Hackathon Team (July '16)
 - ▶ Worked on a team of iOS, Android, and Backend devs coding an app in 24 hrs

Education

University of Central Florida – B.S. in Mechanical Engineering with Mathematics Minor

Awards and Recognition

Florida Bright Futures Scholar, Pi Tau Sigma Engineering Honor Society