

Louis Menacho

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Web: <https://louismenacho.github.io>

Skills

Languages: Swift, Objective-C, Java, HTML, CSS

Databases: Realm, Firebase, MySQL

IDE: Xcode, Android Studio, IntelliJ, Eclipse

Tools: Cocoapods, Carthage, GitHub

Frameworks: Core Data, CoreML, Vision, ARKit, SceneKit, MapKit, Core Location, Core Animation

Apps

SnapFlora

CoreML • Vision • Alamofire • Wikipedia API

- Take a picture of a plant and identifies it
- Created MLModel based on the Oxford 102 category flower dataset
- Detects flower type by classifying the image through the pretrained model

FlashChat

Firebase Realtime Database & Authentication

- Live chat app with account registrations
- Authenticate users through Firebase backend
- Realtime database pushes messages to devices

GeoClock

MapKit • Core Location • Realm

- Clocks user automatically using their location
- Creates geofence around workplace and clocks upon entering or leaving the area
- Records and saves in times, out times, and location
- Exports timesheet in CSV or PDF format

AR-Ruler

ARKit • SceneKit

- Augmented reality ruler to measure length in the space around you
- 3D sphere points placed as reference points

Experience

iOS Developer

June 2018 - Dec 2018

PantSuit Professionals • New York, NY

- Collaborated on PantSuit Professional's first money budgeting mobile app
- Linked app to Yodlee services, gaining access to financial data through their API
- Implemented Firebase account email verification for better security of the app
- Created an Instagram web view replica for access to Crystal Brook Advisors
- Created Storyboard views and added aesthetic animations to improve user experience

IT Specialist

Aug 2015 - Jun 2018

Research Foundation CUNY • Brooklyn, NY

- Wrote Java program to automate renaming student images to OSIS number
- Aid classroom instruction in basic coding and website building
- Provide general tech assistance schoolwide, improving teacher productivity

Web Developer Intern

May 2016 - Aug 2016

W.W. Norton & Company, Inc. • New York, NY

- Implemented register/login function on StudySpace for a customized user experience
- Helped migrate StudySpace to HTTPS, improving overall security
- Added accessibility plugin to StudySpace for keyboard and screen reader users

Education

Bachelor of Arts in Computer Science

Graduated May 2017

Queens College CUNY • Flushing, NY