VISHNU MANIVANNAN

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EDUCATION

University of California, Irvine
Bachelor of Science, Computer Science, Dec 2018

EMPLOYMENT

TourUp (Startup)   Irvine, CA
iOS Developer   Jun 2017 to Current
• Worked with team members to come up with design ideas and then implemented those features in the app.
• Integrated various pods for UI and functionality in the app. Used Alamofire to post and get data from the backend.
• Designed and developed half of the iOS application in less than two months.

Wheels   Des Plaines, IL
QA Automation Intern   Jun 2016 to Aug 2016
• Wrote Automated scripts to test the new UI and functionality of the new product.
• Developed SQL queries (as a personal project) to track the tests that had been run and filtered for factors like time, test type, test outcome, etc. This helped the managers to collect statistics and cut down the time by more than 50%.

WayUp   Irvine, CA
Campus Rep   Feb 2017 to Jun 2017
Tasked with getting students from around the country to sign up and spreading information about the company through social media and public events. I was able to sign up more than 40 students and posted on social media about opportunities at WayUp (which more than 100 people viewed).

PROJECTS

Pill ID
• Built an iOS application which identifies pills and then displays the name in AR above the pill.
• Integrated a ML model from Apple to check if the dominant object in the frame is a pill.
• Trained an image classifier with 50 different images of pills to identify them.
• Won the 2nd place in a Medical Hackathon out of 15 teams.

Chale?
• Developed a chat application (iOS) for events to lower the number of communication channels to one
• Users can create events (public or private) or join other events and each event has its own private communication channel
• Integrated Twilio's programmable chat API to connect users and Alamofire to get and post data to the backend.
• Demoed it at SD Hacks 2017 and got positive feedback. So, planning to release it to the app store by the end of the year.

Movie Genie
• Created an iOS app that suggests movies based on the genre and minimum rating chosen.
• Recommends TV Shows based on the ones the user likes.
• Used the Movie Database's API to get the information and pictures of movies
• Elements I used: UITableView, Delegates, Protocols (to handle to the multiple threads while downloading images), UIStackViews, etc.

SKILLS

LANGUAGES: Python, C++, Java, SQL, Swift, Javascript, HTML, CSS, Objective-C
APPLICATIONS: Xcode, Sketch, HP ALM, HP QTP

ACTIVITIES

Tennis Club at UCI · Member   Sep 2015

Management and Information Student Society (MAISS) · Mentor   Sep 2017
Helped students at UC Irvine with any professional help, such as college coursework or expanding their skill set, from my experiences. The goal is to help students make the best of their time in college.

Hackathons
Hacked at HackTech (2016 & 2017), Cal Hacks (2016), HackUCI (2017), and SD Hacks (2017).