Apurva Patel

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Education

Bachelor of Science in Computer Science
The University of Alabama | GPA 3.0 / 4.0
Graduation: December 2019

Skills

Programming: JavaScript (ES6), Swift, C/C++, HTML/CSS, **Python,** Java, Node, SQL, PHP
Tools: Xcode, React & React Native, VS Code, Firebase, Angular 6, GitHub, Azure ML Studio
Knowledge: Data Structures and Algorithm, Database, Unit Testing, Machine Learning

Certifications Courses

- iOS Development Boot-Camp
- React Native for Cross-Platform Dev.
- MEAN stack Development
- Azure Machine Learning (Azure Studio)

Experience

Mobile Developer Intern (Front-End) | Shipt　　　　　　　　　　　　　***May 2019 – Aug 2019***
- Designed features for Shipt member's application using **React Native**.
- Implemented **reusable components** and wrote **unit tests** using **Jest and Enzyme.**
- Experience working with **Navigations, Redux** and integrating native third party libraries.

Machine Learning Intern | Hub Group　　　　　　　　　　　　　　***June 2018 - Aug 2018***
- Train and tested ML Models on messaging data of drivers using **Microsoft Azure ML Portal** and Microsoft **Language Understanding tool LUIS**
- Utilized Robotics Process Automation to reduce work load of the employees, increased productivity.
- Created test cases to test the user interface of messaging portal.

Current Project

Ad Hoc Shift　　　　　　　　　　　　　　　　　　　　　　　***Aug 2019 – Current***
- Using a **React Native** to implement **cross-platform application** for my previous hackathon project.
- Goal is to **centralize employee's database** to help manager find available verified employees from nearest location to fill in the shift of the absent employee.
- Tech stack: **React Native, Firebase, React Navigation, Redux, native libraries**

Personal Projects

Designing Programming Language　　　　　　　　　　　　***github.com/apatel19/ProgLang***
- Designing a personal Programming Language as part of a class project using **Java**.
- Implemented **Grammar similar to JavaScript** except for the Comment starts with '$'.
- Designed functions to return functions and global/local variable scoping.

Brain Drone Race Website | University Event　　　　　　　　　***github.com/apatel19/BD-Race***
- Implementing a website using **Angular** where players can register their drones to race, shows real-time race data, and only referees' have the functionality to begin and end race, also shut down flying drones.
- Implemented **FireStore** database to store drones real time positions to figure out who's winning.

Musical-Chat | Auburn-Hackathon2019 | 24hr　　　　　　　***devpost.com/software/musical-chat***
- Designed an **iOS chat application** that not only can send a regular chat, but can also plays a music in other person's phone. Music starts from the given word. Used **Swift 4, Xcode, Algolia, Firebase**.

Cook for me | iOS App　　　　　　　***appadvice.com/app/cook-for-me/1325457840***
- Developed **iOS App** where user can create their account using an email and then post their food information for other people to order. Used **Swift 3, Third Party Libraries, Google APIs, Firebase**.
- Written in **Swift** and uses third partly libraries, google APIs and **Firebase** for backend.

Movie Ticket Website　　　　　　　　　　　　　　　***github.com/apatel19/Theater_SQL***
- Designed a web app where customer can purchase a movie tickets from a nearby theaters.
- Technology used for front end **JavaScript, HTML, CSS** & backend **PHP, MySQL** database.

Activities

- Helped K-12 students during the **2018 Hour of Code** CS Ed week.
- Attending University Hackathons. VandyHack2018, VolHack2018, AuburnHack2019, CrimsonHack2019
- **Published iOS apps**: Cook for me, Extra Letter, Ez Math
- Fall 2019 Classes: **Data Science, Cyber Security, Capstone Computing, Advance Algorithms**.
- GitHub: **github.com/apatel19**