



## 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, Java, Node, SQL, PHP

**Tools:** Xcode, React & React Native, VS Code, Firebase, Angular 6, GitHub, Azure ML Studio

**Knowledge:** Data Structures and Algorithm, Database, REST APIs, Unit Testing, Machine Learning

## Experience

### Mobile Developer Intern (Front-End) | Shipt

May 2019 - Aug 2019

- Designed features for Shipt member's application using **React Native & JavaScript (ES6)**.
- Implemented **reusable components** and wrote **unit tests** using **Jest and Enzyme**.
- Experience working with **React-Navigations, Redux, Thunk** and other middleware, also 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 Semester Project

### The Equipment Rental App | Role: Project Owner

Aug 2019 - Current

- Responsible for implementing a cross-platform application, managing users data, code versions and releases, also designing a user flow diagram for the Equipment rental application.
- Tech stack: **React Native, Firebase, React Navigation, Redux, native libraries**
- Link to git repository: [github.com/apatel19/EquipmentRentalApp](https://github.com/apatel19/EquipmentRentalApp)

## Personal Projects

### Designing Programming Language

[github.com/apatel19/ProgLang](https://github.com/apatel19/ProgLang)

- Designed 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.

### The Meal App | ReactNative App

[github.com/apatel19/MealPlan-ReactNative-App](https://github.com/apatel19/MealPlan-ReactNative-App)

- Designed an app with pre-defined data set, with features to filter, mark favorite, description about meals and how to make steps. Tech stack: **ReactNative, JavaScript(ES6), Redux, React Navigation, Third party libs for stylings**.

### Brain Drone Race Website | University Event

[github.com/apatel19/BD-Race](https://github.com/apatel19/BD-Race)

- Implemented 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.

### Cook for me | iOS App

[appadvice.com/app/cook-for-me/1325457840](https://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](https://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.

## Leaderships & Activities

- Helped K-12 students (100+) during the **2018 Hour of Code** CS Ed week.
- Attended University level Hackathons as a **project owner** and **team player**: VandyHack2018, VolHack2018, AuburnHack2019, CrimsonHack2019, VolHack2019
- Fall 2019 Classes: **Data Science, Cyber Security, Capstone Computing, Advance Algorithms**.
- Published iOS apps**: Cook for me [300+ Accounts], Extra Letter [200+ DNLDS], Ez Math 1.0 [2737+ DNLDS]
- GitHub: [github.com/apatel19](https://github.com/apatel19)