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| **AYUSH PATEL**  [**patelayush.github.io** **|**](http://patelayush.github.io/) [**linkedin.com/in/patelayush**](http://www.linkedin.com/in/patelayush) **| ayushpatel95@gmail.com | +1 267-777-2726** |

**Experience:**

**Software Engineer II (Android) – LendingTree, Charlotte** July 2019 - Present

* Spearheading the Design and Development of LendingTree: Budget, Credit, Finance Tracker.
* This mid-senior level experience is providing an outlook of the corporate world by exposing how the phases of the software development life cycle are implemented to develop a product in a company.
* Being part of a small team gave 360-degree exposure to the whole application from product requirements to fulfilling user satisfaction.
* Providing a seamless user experience which resulted in more than 99.95% crash-free users and 4.7 avg. users rating with the help of Crashlytics and A/B Tests.
* Worked on features like Plaid Integration, Event Tracking, Social Login, Native form flows, etc.

**Android Developer – TimeTap, Charlotte** August 2018 – May 2019

* Developed Native application from scratch, which included features like Biometric Authentication, Multiscreen Layout, Session Management, Bottom Navigation View, Calendar View Appointments to make it free-flowing and more user friendly.
* Technology – Android, REST APIs, Retrofit v2.0, MVC Architecture, Modular Design, Fragments, Vertical Stepper Form.

**IT Intern – TIAA, Charlotte** June 2018 - August 2018

* Implemented Logistic Regression model to find transactions that can be fraud using R.
* The model was used for storing all the transactions to determine the fraud scores. Further, these scores were used to set a limit to classify them as fraud and non-fraud testing various tuning parameters and normalization of the data.

**Technical Skills:**

**Programming Languages and Web Technology:** C++**,** JAVA, Kotlin, Python, R, Swift, HTML, JSP, CSS, XML, Node JS, Servlets.

**Android:** Android annotations, MVVM architecture pattern,Google Cloud Services, SMS Messaging, Bluetooth Beacons, Biometric Authentication, Thread Communication.

**IOS:** Collection Views, File Management, Concurrency and HTTP Request, Table Views.

**REST APIs:** Braintree Payments API, Google Maps API, Google Places API, Twilio API, MovieDB API.

**Tools:** Android Studio, Tableau, IntelliJ Editor, Jupyter Notebook, Atom, Eclipse, Postman, XCode, Cloudera VM.

**Education:**

**The University of North Carolina at Charlotte** May 2019

Master’s in Computer Science GPA: 3.9

**Rajiv Gandhi Proudyogiki Vishwavidhyalaya, India**  June 2017

Bachelor of Engineering GPA: 7.8/10

**Relevant Coursework:**

Mobile Application Development, Network-Based Application Development, Advanced Mobile Application Development, Machine Learning, Algorithms and Data Structures, Cloud Computing, and Software Systems Design and Implementation.

**Personal projects:**

**Innovative Computing Projects Evaluator *(Android, Node JS, Retrofit, Mobile Vision API, JWT Authentication)***

* The Android app is for evaluators to scan the QR Code of the teams, evaluate their projects, and submit the results.
* The web app is used to design the evaluation survey questions, manage evaluators and teams, and review the submitted evaluations.

**Photo Store *(IOS, Firebase, Collection Views, File Management)***

* An IOS app to manage, import, and view photos. App uses Firebase to manage photo storage.
* The application retrieves the list of photos for the currently logged-in user from Firebase and displays them using Collection View.

**Mobile Attendance System *(Android, SQLite, JXL API)*** [**|**](http://bit.ly/attendsys)

* Android app for school/college faculty so that they may take student attendance on their phones.
* Saved 2 hours/day & $0.08/paper by using local storage and included the functionality to print excel sheets.

**Trip Planner and Tracker Application *(Android, Firebase, Google Maps API, Google Places API)***

* The application tracks the user’s current location using GPS and draws the tracked user’s path on a Google map using PolyLines.
* User can create his/her trip using the list of places stored in firebase.

**Restaurant Seating Reservation Application *(Android, Twilio API, Node Js, Rest API)***

* The Android app is used by restaurants to register customers who are looking for seating.
* The customers can book a table through SMS and are also alerted through SMS when a table is available for them.
* The web app is used to monitor the status of the reservations.