

# Ali H. Naqvi

Austin, TX

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## Education

### The University of Texas at Austin

B.S. IN COMPUTER SCIENCE

- GPA: 3.48/4.00

Austin, Texas

August 2015 - May 2020

## Technical skills

- Proficient** Android, Java, Kotlin, Python, Git, Github
- Intermediate** iOS, Swift, LaTeX, C#, JavaScript, ReactJS, C, Linux
- Novice** Flask, AWS, Docker

## Experience

### Under Armour

Austin, Texas

ANDROID DEVELOPMENT INTERN - MAPMYRUN

May 2019 - May 2020

- Updated the MapMyRun Android Wear app for Wear OS 2.0 using Kotlin
- The app allows MapMyRun mobile users to remotely control an active workout from the watch
- Set up a MVVM Architecture for the app with LiveData and Dagger2 dependency injection
- Built an updated UI that displays workout stats and measures heart rate data using the smartwatch sensors
- Took part in the software release process by shipping bugfixes to millions of users on the MapMyRun mobile app

### UT Department of Computer Science

Austin, Texas

UNDERGRADUATE TA - SOFTWARE ENGINEERING

August 2019 - December 2019

- Held weekly office hours to help and answer any questions related to Javascript, Python, ReactJS, Python Flask, AWS, and Domain hosting
- Graded exams covering in-depth topics of Python, SQL, data structures, and software architecture
- Evaluated and assessed the front-end architecture and UI/UX of websites that students developed as class projects

### AT&T

Dallas, Texas

SOFTWARE ENGINEERING INTERN

June 2018 - August 2018

- Designed an internal quote tool using ReactJS to minimize engineering time by 90 days and save an estimate of \$11 million in costs
- Developed a web dashboard to visualize data trends and patterns using ReactJS and Flask
- Maintained a webpage templating tool using ReactJS to reduce the resources needed to build company webpages

## Projects

### AroundSound — iOS app (Swift)

October 2019 - December 2019

- iOS app for a class project that allows a user to see what music other people with the app are currently listening to around them
- Grabbed currently playing music data from iOS Media Player and Spotify (using the Spotify iOS SDK)
- Utilized the Google Nearby API to discover devices in the vicinity and send music data to all nearby nodes
- Developed profile features using Google Firebase allowing users store their recently played + favorited songs and view profiles of others

### MyFuture.education — Website (Front-end Engineer)

February 2019 - May 2019

- Group project for a class to build a website that provides insight on various universities, their majors offered, and their location
- Developed the front-end of the website using ReactJS and MaterialUI React Framework
- Helped deploy the HTTPS-secured website on the internet using AWS EBS, S3, CloudFront, and Google Domains

### Find My Meal — Android app (Kotlin)

November 2018

- Developed an Android app for a class project that allows a user to discover recipes and restaurants based on different cuisines
- Used libraries such as Retrofit and RxJava to pull restaurant and recipe data from Google Maps API and TheMealDB API
- Implemented a "Favorites" feature for users to save their favorite recipes and stored them in a local SQLite DB

## Leadership and Activities

### Mobile App Development Student Org

Austin, Texas

PRESIDENT — Previously Android Workshop Instructor (2 years)

February 2016 - August 2019

- Coordinate and oversee all operations of the organization
- Plan and organize events throughout the year with companies and other organizations
- Teach Android development basics to an audience of up to 50 students on a weekly basis