Ali H. Naqvi

Austin, TX

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Education

The University of Texas at Austin   *Austin, Texas*

B.S. IN COMPUTER SCIENCE   *August 2015 - May 2020*

- GPA: 3.42/4.00
- Relevant coursework: Mobile Computing, Software Engineering, Operating Systems, Network Security, Cloud Computing, Algorithms and Complexity, Computer Architecture

Technical skills

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

Experience

Under Armour   *Austin, Texas*

ANDROID DEVELOPMENT INTERN - MAPMYRUN   *May 2019 - August 2019*

- 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 - DATA STRUCTURES AND ALGORITHMS IN PYTHON   *January 2019 - May 2019*

- Helped students learn and understand various data structures and algorithms by holding weekly office hours
- Contributed in writing test questions to be used for class-wide exams
- Graded exams and programming assignments of over 180 students

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

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

MSA Showdown App — *Android app (C#)*   *March 2018*

- Developed the Android version of a cross-platform app that showed the events schedule and Twitter feed for a state-wide student conference
- Utilized Microsoft Xamarin to integrate cross-platform functionality in a common C# code base for both iOS and Android
- Designed an updated front-end UI using Material Design components and guidelines

Spot The Odd — *Android app (Java, 200+ Downloads)*   *May 2016*

- Developed an Android app with an objective to find the uniquely colored square from a grid of closely resembling colors
- Constructed an algorithm to gradually make the color of the unique square similar to others around it
- Designed different game modes to offer various ways to achieve a highscore