

Amaan Marfatia

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EDUCATION

Georgia Institute of Technology

Candidate for B.S in Computer Science and Mathematics

Atlanta, GA

Aug. 2017 – April 2021

GPA: 4.0

- Concentrations: Information/Internetworks, Systems and Architecture
- Extracurriculars: Programming Team, Math Club, Chess Club
- Key Classes: Data Structures and Algorithms, System and Networks, Design and Analysis of Algorithms, Design of Operating Systems, Computer Networking, Information Security

EXPERIENCE

Match Group, INC

Full Stack Software Engineer

Dallas, TX

Jan. 2019 – May 2019, Aug. 2019 – Present

- Worked on the Plus1 Labs team to create Ship, an Android dating app with over 100,000 installs, from the ground up.
- Used Kotlin, XML, Ruby, SQL, and Android architecture components to form reactive screens and UI.
- Added multiple screens by building custom UI components and API endpoints and working with the Room database.
- Developed a CI/CD pipeline using Jenkins that can push builds to the Play Store, make build notes, and inform the team of failing builds, linting issues, and code coverage drops using Jacoco.

Bank of America

Technology Summer Analyst

Jersey City, NJ

Jun. 2019 – Aug. 2019

- Worked with the Independent Price Verification team to analyze and aggregate data from stock traders.
- Modernized Python files to transition the whole project from using Python 2.7 to 3.7.
- Updated and fixed over 750 failing unit tests to run in memory and in parallel.

The Rainmaker Group Ventures, LLC

Technical Associate Intern

Alpharetta, GA

Jun. 2018 – Aug. 2018

- Worked on the GuestRev software, a revenue management system for hotel, casinos, and resorts, using the ASP.NET MVC framework, SQL, and JavaScript.
- Learned C# and SQL to add a user preferences table to the database so that dates would be formatted by using the server-side user preferences and HTML5 local storage.

PROJECTS

FIREFOX PREVIEW

Mozilla's Open Source Android Browser

- Contributed to Mozilla's open source Fenix project. Used Kotlin to automatically set the user's keyboard to private mode when it is used in private browsing so that typing history isn't saved.
- Used XML to flatten out layout hierarchies of several UI elements such as the Quick Action Bar, Share Sheet, and Tabs Header so that app can have better performance.
- Added minor changes for performance and accessibility improvements.

SHELTR

Android app project for an Objects and Design class

- Collaborated with classmates to make an Android app that enables people to easily find homeless shelters using filters for shelter restrictions.
- Used the MVC design pattern and the app uses Google Firebase for authentication and database storage of shelter information. It shows the nearest shelter using the Google Maps API and has a Spanish translation.

SKILLS/LANGUAGES

Kotlin
Java
SQL
C/C++

Python
Android Development
Web Development
Jenkins

Git / GitHub
Jira / Confluence
English (Native)
Gujrati (Conversational)