

Amaan Marfatia

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, GA

Candidate for B.S in Computer Science and Mathematics

April 2021

- 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

GPA: 4.0

EXPERIENCE

MATCH GROUP, INC.

Dallas, TX

Full Stack Software Engineer Co-op

Aug. 2019 – Present

Jan. 2019 – May 2019

- Worked on the Plus1 Labs team to create the Android dating app Ship from the ground up.
- Used Kotlin, XML, Ruby, SQL, and Android architecture components to form reactive screens and UI.
- Added the swiper screen, profile tab, crew pages, chat components, and Room databases.
- Componentized UI to make code and templates reusable.
- 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

Jersey City, NJ

Technology Summer Analyst

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.

Alpharetta, GA

Technical Associate Intern

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

- Worked on 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.

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)