# Amaan Marfatia

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## EDUCATION

**Georgia Institute of Technology,** Atlanta, GA
— *Candidate for B.S. in Computer Science and Mathematics*

AUGUST 2017 - PRESENT (Expected Graduation: MAY 2021)

Current GPA: 4.0
Threads: Information/Internetworks, Systems and Architecture
Extracurriculars: Programming Team, Math Club, Web Dev Club

## EXPERIENCE

**Rainmaker Group Holdings,** Alpharetta, GA — *Technical Associate Intern*

JUNE 2018 - AUGUST 2018

Updated SQL tables to accommodate for user preferences and implemented user preferences using the ASP.NET MVC framework and JavaScript in the GuestRev product. Formatted dates using razor and JavaScript based on user preferences.

Practiced Agile project management using Jira and daily standup meetings.

**Kingston Grocery,** Kingston, GA — *Part-time Employee*

MAY 2015 - AUGUST 2017

Maintained computers and network, managed cash register, updated inventory in the system, restocked shelves, and cleaned store.

## LEADERSHIP

**Science National Honor Society,** Brookwood H.S. — *Co-President*

AUGUST 2016 - MAY 2017

Collaborated with a team of officers to plan monthly meetings, a field trip to the bodies exhibit, and volunteering opportunities for SNHS members.

**Mu Alpha Theta,** Brookwood H.S. — *Officer*

AUGUST 2015 - MAY 2017

Organized monthly meetings and created meeting activities for 70+ members Tutored high schoolers on a weekly basis.

## PROJECTS

**Sheltr**— *Android app project for an Objects and Design class*

Worked in a group to make an Android app that allows people to more easily find homeless shelters using filters for shelter restrictions. We 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 also has a Spanish translation.

**Powershell** — *Implementing standard deviation on Measure-Object*

Used C# and Powershell script to contribute to the Powershell open source project. Implemented standard deviation calculation on the Measure-Object module using the iterative method/online algorithm of calculating variance. Also added test cases using the Pester framework to ensure that it was running properly.

## SKILLS

Java (Intermediate)

Linux (Intermediate)

Git/GitHub (Intermediate)

C#/ASP.NET (Intermediate)

Android (Intermediate)

SQL (Beginner)

Web Development (Beginner)

C (Beginner)

Python (Beginner)

## AWARDS/HONORS

AIME Qualifier, 2016 & 2017

National AP Scholar, 2017
-Received 5's on 12 AP exams

Lockheed Martin CodeQuest, 2nd place Advanced Division, 2015 -Algorithmic coding competition

Georgia Tech AP Computer Science Bowl, 1st Place, 2015 -AP Computer Science like test with 40 questions

National Science Olympiad Forensics, 6th place, 2016

## LANGUAGES

English (Native)

Gujrati (Conversational)

Spanish (Beginner)