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

Brookwood High School, Snellville, GA
— *STEAM High School Diploma*

AUGUST 2013 - MAY 2017

Graduated with a 4.0 GPA as an AP Scholar
Dual Enrolled with Georgia Institute of Technology from 2015-2017

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.

EXPERIENCE

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.

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)

Android (Intermediate)

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)