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

Halite Bot — *AI Programming Competition for Halite I*

Used Java to make a virtual bot that makes decisions on how to move pieces on a grid based on different values attributed to each spot on the grid. These bots would fight each other to see who won the matches.

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 (Beginner)

Web Development (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)