

Amsha Gaffar

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EDUCATION

University of Houston

Houston, Texas

Double Major:

Computer Science & Psychology

B.S. in Computer Science

May 2025

- GPA: 3.8
- Relevant Coursework: Data Structures, Computer Science & Programming, Discrete Math, & Linear Algebra

SKILLS & TECHNOLOGIES

Proficient in Python, Visual Studio Code, C++

Competent in Git, Github

WORK EXPERIENCE

Mathnasium

Houston, TX

Lead Instructor/Assistant Director

July 2021-January 2023

- Led employees in providing exceptional instruction/tutoring services to students
- Conducted center tours as well as consultative sales presentations, resulting in increased enrollment and revenue
- Scheduled & enrolled students
- Evaluated & tracked progress of 80 students, utilizing data to identify areas for improvement and personalized learning plans
- Communicated with parents & teachers in order to build a personalized learning plan for each student
- Managed center during instructional hours, doing everything from assigning students to instructors, reviewing concepts with students, & adjusting student/instructor ratios
- Coached and trained instructor team
- Participated in local marketing opportunities such as sponsorship events

PROJECTS

Pokemon 1v1 Battle Game | C++

- Developed a Pokemon 1v1 battle game using C++ to determine proficiency in object-oriented programming and game development
- Designed a flexible class hierarchy to represent 3 different Pokemon starter species, each with unique battle moves and characteristics

HONORS & AWARDS

Dean's List Recipient

University of Houston

Fall 2021, Spring 2022, Fall 2022, & Spring 2023

- Obtained over a 3.50 GPA for both term as well as cumulative GPAs for Fall 2021, Spring 2022, Fall 2022, & Spring 2023

AP Scholar with Distinction

Stephen F. Austin High School

June 2021

- Received an average score of at least 3.5 on all 10 AP Exams taken, and scores of 3 or higher on five or more of these exams

Academic Excellence Award

Stephen F. Austin High School

2018-2021

- Maintained a 90+ GPA every school year