

Joy Williams

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EDUCATION

College of Natural Sciences and Mathematics, University of Houston, Houston, Texas

Bachelor of Science in Computer Science, Minor in Mathematics

May 2022

SKILLS

Proficient: Python, C++, Java, Moderate: R, Learning: SQL, HTML.

Courses: Data Structures, Algorithms, Introduction to Automata, Data Science and Machine Learning, Database Systems

ACADEMIC PROJECTS

Twitter Bot Automation, Twitter API, Python

Fall 2020

- Extracted data from poets.org to tweet poem excerpts daily

Note Taking Android App, Android Studio, Java

Fall 2020

- Developed a note-taking Android app using API

Game Simulation, Java

Fall 2018

- Simulated a season of MLB baseball

EXPERIENCE

Cougar Involvement Ambassadors, University of Houston, Houston, Texas

August 2019 – Present

Operations Coordinator

- Spearheaded the modification of carrel space and assigned spaces to student organizations resulting in over 50 student organizations were smoothly moved in over the course of 2 days
- Conduct one-on-one consultations and create individualized results for students, connecting them with different opportunities on campus, and increasing their involvement
- Maintain and consistently update a database of student organization's information and important documents, resulting in efficiently sending out important information.
- Automated email response templates in Microsoft Word, saving time and increasing efficiency in correspondence
- Operated the office front desk and engaged visitors using issue resolution

ACTIVITIES

Ignite Leadership Program

Mentor

January 2020 – Present

- Mentored 5-6 students ranging from Freshman to Graduate students
- Create a curriculum for mentees in tandem with supervisor to aid them in their individual goals
- Co-assist in the administration of workshops for students, helping them to develop organization skills such as goal setting, leadership skills, and conflict management

Dream Academy

Academic Tutor

January 2020 - April 2020

- Taught math and science concepts to 2 elementary school students
- Identified areas of weakness and devised a lesson plan in collaboration with respective teachers to get an individualized idea of what each child was struggling with
- Devised a series of activities and games to bond and create a welcoming environment, increasing receptiveness, engagement, and relaxation in students

Circle K International

Treasurer

March 2019 - May 2020

- Managed and kept account of all club finances; organized the budget to ensure there is enough money for all events while also ensuring adequate preparation for the next semester
- Orchestrated and strategically planned biweekly bake sales raising \$500. Applied for grants and donations, garnering over \$400
- Co-organized and facilitated a day long multi-workshop college preparatory event for over 50 high school students