Tariq Thomas

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EDUCATION

B.S. in Computer Science
> Class of '21 (May), Cum Laude

Howard University (HU), Washington, DC

Overall GPA: 3.44/4.0
> 2020 Google Technical Exchange Scholar
> Capstone Scholarship for Academic Excellence Recipient

RELEVANT COURSEWORK

- Senior Project 2, Structure of Programming Languages, Applied Data Science, Artificial Intelligence, Database Systems, Applied Data Structures, Human - Computer Interaction, Product Management, Software Development Studio, Fundamentals of Algorithms, Data Communication & Network Programming, Operating Systems, Intro to Cyber Security 2, Theory of Computation, Computer Science 3, Unix/Linux Lab, Computer Organization 2, Large Scale Programming

PROJECTS

Average Rent Finder   September 2021 - Present
- Striving to create a live website that can take in user input for a location (North America locations only as of now) and output the average rent for that area. Currently web-scrapes data using Selenium, aggregates and computes data using Python, and takes in/displays data using Flask, and HTML/CSS.

Account Generator   September 2021 - September 2021
- Using HTML, CSS, and JavaScript, coded a functional account generator that can create a username and password at the click of a button with the help of API's.

Twitch Leaderboard   August 2021 - September 2021
- Using Python and Flask, created a way to track a Twitch livestreamer's top interactors via chats sent in the chat box. Currently updates in real-time and can currently be used with any streamer's channel that is live at that moment.

RoomMatch   November 2020 - April 2021
- Created the front-end of an app that can match up students that are looking for roommates for their internships. HTML and JavaScript were the main languages that were used.

Space Invaders   December 2020 - December 2020
- In an effort to learn the Pygame library, created a basic version of Space Invaders. Currently completely functional and in its Minimum Viable Product (MVP) stage.

Popstars   March 2020 - May 2020
- Using JavaScript, and React, created a game that plays a song and has the user guess the artist of the song by picking the correct person. The options float in bubbles around the screen and, using Firebase, a leaderboard of the highest scores ever achieved can be displayed.

SKILLS

- Python
- Flask
- SQL
- Selenium
- C++
- Java
- HTML
- CSS
- JavaScript
- React

LEADERSHIP

- *Judicial Board Founder, Men of George Washington Carver, 2020- Present*
- *Vice President, Men of George Washington Carver, 2019 - 2020*
- *Historian, Men of George Washington Carver, 2019 - 2019*
- *Branding Chair, Men of George Washington Carver, 2018 - 2019*

COMMUNITY SERVICE

Alternative Spring Break (ASB), *2019*
- Traveled to Milwaukee, Wisconsin and served with *City on a Hill,* a non-profit organization that serves underprivileged youth. Mentored the youth, cooked food for events, and worked many other jobs to help the organization out as much as possible.

ORGANIZATIONS

- Men of George Washington Carver, *2017 - Present*
- Association for Computing Machinery, *2019 - 2021*
- National Society of Black Engineers, *2017 - 2021*