

Monae Frazier

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Objective

Determined and highly self-motivated individual seeking full-time employment starting the summer of 2023. Primarily wishing to work at a company that develops technologies that serve to aid communities and improve quality of life for the users.

Education

- Virginia Commonwealth University, Richmond, VA Expected Graduation: May/2023
Bachelor of Science in Computer Science | Minor: Mathematics | Dean's List (Fall/2018)

Related Education

- New Horizons Vocational School, Hampton, Va | Mechatronics with Siemens cert (2016-2017), Computer Networking with Cisco cert (2017-2018)

Programming: Software ; Java , C, Python, Lisp Web-based: HTML, CSS, JavaScript

Software Tools: Android Studio, Visual Studio, VS Code, Eclipse, Leaflet.js, SBCL, RedCap

Soft Skills: Adaptability, Teamwork, Self-sufficient, Communication skills, Quick study and Problem-Solving.

Language Skills: Transactional in French and Spanish

Relevant Work Experience

Fit Tester and Developer, Safety and Risk Management VCU, Richmond, VA | June/2022 - November/2022

- Developing RedCap Projects and Surveys for the Safety and Risk Management Office for cross campus and health system use. In addition, the role of fit tester involves ensuring the customer is medically and safely cleared to wear an N95 respirator, making sure they are safe and protected when traversing the health care and science systems.

Summer Data Analyst Intern, WDM USA, Richmond, VA | June/2021 - August/2021

- Developed a program that would be able to take in a set of GPS coordinates, and populate road markers, or polylines, on a leaflet.js map to be able to Visualize which roads the survey trucks got data from. Used a combination of Visual Studio and leaflet.js library to create the website.

Software projects

Nutritionary App, Software Development, VCU | Fall 2019

- Team-based development of an Android app, using Android Studio, that utilized a database for user management and to hold the calorie dictionary of various foods, a BMI and water intake calculator portion, with additional health and dietary information resources made available.

ADHD Time management app, Personal Project | Fall 2021

- Developed a program, using Java and Eclipse, geared towards users with ADHD or time management desires to effectively assess which tasks to prioritize, reschedule and dismiss. With features that aid in process of elimination and task grouping.

Miniprogs, Personal Project | Fall 2018 - Present

- Currently developing a small series of mini programs in Eclipse using java and text-based visualization. The minigames include a hangman game with a menu system and computer opponent component and a battleship game with ship placing, sizing and error checking.
- Another additional miniprog is the binary converter, with conversions between decimal, binary, hexadecimal, and octal.

True Crime Machine Learning instructional tool, Capstone Project | Fall 2021 - Present

- Team-based development of an educational program that will serve to teach law enforcement machine learning utilization for capturing and investigating assailants after evidence gathering. The program will utilize Python and Jupyter notebooks.

Other Work Experience

Works an average of 20-40 hours a week during the school year to help fund education

- Service Technician, VCU Card Office, Richmond, Va | June/2022 - Present
 - Database pairing, document scanning and organization
- Overnight Housekeeper, SCC, Richmond, VA | December/2020 - February/2021
- Tutor, Campus Learning Center, Richmond, VA | August/2020 - December/2020
- Cashier, The Fresh Market, Williamsburg, VA | June/2019 – March/2020
- Game Advisor, GameStop, Williamsburg, State | May/2018 – April/2019

Leadership, Student Organizations, Activities

- Vice President, Caribbean Student Association, Fall/2019 – Fall/2020
- Member, Altria Scholars, Fall/2018 – Present
- Member, Cyber Security Org, Fall 2018 – Fall/2020
- Member, Game Developers Coalition, Spring 2019 – Present

