Marcus Jalil Moore

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Objective
Passionate Computer Science student with strong knowledge in HTML, CSS, Java, and JavaScript seeking a Summer Internship or Fall Co-Op.

Education
Virginia Commonwealth University, Richmond, VA   Expected Graduation: August 2025
Bachelor of Science in Computer Science
GPA: 4.0   Dean's List (Fall 2021, Spring 2022)

Relevant Courses
User Interface Design | Databases | Programming Languages | Data Communication and Networking | Computer Organization | Fundamentals of Software Engineering | Algorithmic Analysis with Advanced Data Structures | Theory of Computation | Computer Systems | Discrete Structures | Data Structures and Object-Oriented Programming

Skills
Languages: HTML | CSS | C | Java | Python | JavaScript
Libraries: Node.js | jQuery
Tools: Linux | Version Control | Git | AWS EC2 | Eclipse
Certification: LinkedIn Learning Linux Command Line (2018)
Language skills: Intermediate fluency in written and spoken Spanish.
Soft skills: Eye for detail | Analytical thinking | Ability to work independently or engage with a team | Self-motivated learner

Academic Projects
Xfig, Fundamentals of Software Engineering, VCU, Richmond, VA   Fall 2022
- Modified open-source code written in C to add new features and functionality to Xfig, a vector graphics application.
- Switched between Git branches whenever I needed to code for a different task/functionality.
- Created an AWS EC2 instance of a Linux virtual machine that contained the necessary software to modify Xfig.
- Received 100% on all the tasks for this project.

SWE Group Project, Fundamentals of Software Engineering, VCU, Richmond, VA   Fall 2022
- Collaborated with fellow peers to produce PDF documents surrounding a software context (POS system)
- Created and sent deliverables such as Software Process Modeling, Requirements Specification, Low-fi Wireframes, Test Cases, Use Case Diagram, and UML Class Diagram
- Worked well with fellow peers thereby strengthening my teamwork ability.

Linux Shell, Computer Systems, VCU, Richmond, VA   Spring 2022
- Established SSH connections to a remote Linux server to compile and write C code using Vim.
- Incorporated system calls into C program to interact with operating system.
- Implemented commands that were not built-in to default Linux Shell.
- Wrote a Makefile to combine header files and object files into a single executable.

Graph Earthquake Data Lab, Data Structures and OOP, VCU, Richmond, VA   Fall 2021
- Utilized Bridges (an NSF TUES/iUSE project) API and Java-based adjacency lists to graph earthquakes using USGS data.
- Used latitude and longitude information from API to perform distance calculations between two earthquakes.
- Utilized Eclipse IDE to write code in Java.
- Received 100% on the assignment.

Independent Projects

Birthday Guesser   Spring 2023
- Applied knowledge of HTML5, CSS3, and vanilla JavaScript to create a simple website.
- Wrote program to guess birthday number of user using five pieces of information.
- Analyzed prewritten JavaFX code and converted it into a Web application.
- Deployed website using Replit.com.

Portfolio (marccomp.github.io)   Summer 2022
- Hosted HTML, CSS, and JavaScript files to GitHub to statically host my website.
- Utilized templates to speed up workflow.
- Displayed programming projects that I've worked on.

Other Work Experience

Kitchen Crew Member, McDonald's, Chester, Virginia   May 31, 2022 – August 15, 2022
- Provided excellent customer service to all guests by serving fresh, hot food in a timely manner.
- Performed general maintenance duties to ensure the cleanliness of the dining area to enhance customer experience.
- Took initiative to find extra tasks when scheduled duties were completed.
- Cooperated with fellow teammates to deliver satisfactory customer experience.

Activities

Volunteer, Divine Unity Community Church, Richmond, Virginia   September 2022 – Current
- Gave food and water to the unhoused at nearby shelter to church.

Hackathons/CTFs   September 2018 - Current
- Learned importance of cybersecurity by participating in various capture-the-flag (CTF) competitions
- Participated in teams for the CMU picoCTF and Radford RUSecure CTF
- Partook in VCU RamHacks in Fall of 2021 and VCU Mini-Hack in Spring of 2023

Volunteer, Salvation Army, Richmond, Virginia   December 2018 – December 2022
- Utilized time wisely by purchasing excellent Christmas gifts for children at an Angel Tree