Marcus J. Moore

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Objective
A potential Full Stack Developer and prospective graduate nearing the completion of a B.S. in Computer Science with strong knowledge in HTML, CSS, JavaScript, Java, and Python. Seeking a full-time role as a front-end or back-end web developer.

Education

Virginia Commonwealth University, Richmond, VA   Expected Graduation: May 2024
B.S. in Computer Science with Concentration in Software Engineering
GPA: 3.95   Dean's List (Fall 2021, Spring 2022, Fall 2022)

Skills

- *Languages:* HTML/CSS | JavaScript/TypeScript | C | Java | C# | Python | PHP
- *Libraries and Frameworks:* Node.js | React | Angular | React Native | Express.js | ASP.NET | Flask
- *Databases:* MySQL, MariaDB
- *Tools:* Git | Figma | AWS EC2 | Eclipse | Microsoft Azure | Visual Studio Code | Azure DevOps | REST APIs/Postman | Outlook | Teams | Fiddler Classic
- *Certifications:* LinkedIn Learning Linux Command Line (2018)
- *Language skills:* Intermediate fluency in written and spoken Spanish
- *Soft skills:* Detail-oriented | Analytical thinking | Ability to work independently or engage with a team | Self-motivated and quick learner | Innovative thinker

Relevant Experience

Software Developer Intern, AMC Technology, Richmond, Virginia   June 2023 – August 2023
- Collaborated with a group of 6 interns to successfully learn Angular, Agile methodology, DaVinci SDK, and DaVinci API.
- Completed a proof-of-concept with a peer for a new version of an administration portal, which leveraged React, PHP, internal REST APIs, and WordPress to decouple UI from business logic, to enable marketing and UI/UX teams to refine design and user experience independently of developers.
- Built a Single Page Application (SPA) Calculator App and CTI Channel using Angular and the DaVinci API to exemplify fast learning and implementation.
- Updated Flush logs and HTTP headers for internal AMC apps using ASP.NET, C#, and Angular to increase security and send information to an internal API.

Academic Projects

Face-matching Mobile App, User Interface Design, VCU, Richmond, VA   Spring 2023
- Created a mobile app using React Native and Expo Go that allows users to train and test their ability to match student names to their faces, based off a Figma prototype.

Restaurant POS System, Databases, VCU, Richmond, VA   Spring 2023
- Developed a user-friendly web interface for restaurant staff, leveraging the LAMP stack (Linux, Apache, MySQL/MariaDB, PHP), to streamline order management, facilitate donations to local charities, and access customer feedback, while also designing and documenting the database schema using Entity-Relationship and Relational Diagrams.

Multithreaded Racecars GUI, Programming Languages, VCU, Richmond, VA   Spring 2023
- Utilized JavaFX and Threads to create a GUI of three racecars moving across racetrack simultaneously at different speeds at different times.

SWE Group Project, Fundamentals of Software Engineering, VCU, Richmond, VA   Fall 2022
- Collaborated with peers to produce PDF documents related to a POS system, including Software Process Modeling, Requirements Specification, Low-fi Wireframes, Test Cases, Use Case Diagrams, and UML Class Diagrams.

Linux Shell, Computer Systems, VCU, Richmond, VA   Spring 2022
- Built a custom Linux Shell in C by utilizing SSH connections to a remote Linux server, writing in Vim, integrating system calls, creating custom shell commands, and structuring the build process with a Makefile.

Graph Earthquake Data Lab, Data Structures and OOP, VCU, Richmond, VA   Fall 2021
- Employed the BRIDGES API (bridgesuncc.github.io) and Java-based adjacency lists to graph USGS earthquake data, implementing distance calculations between earthquakes based on latitude and longitude, utilizing the Eclipse IDE for Java development. Received 100% on the assignment.

Independent Projects

Portfolio (marccomp.github.io)   Summer 2022 – Present
- Hosted a static website on GitHub, utilizing a template and showcasing a portfolio of my programming projects.

Birthday Guesser
- Utilized HTML5, CSS3, and vanilla JavaScript skills to develop a user-friendly website with a birthday guessing program, adapted from a JavaFX web application, and deployed the site using Replit.com.

Additional Experience

Kitchen Crew Member, McDonald's, Chester, Virginia   June 2022 – August 2022
- Delivered exceptional customer service by promptly serving hot, fresh food, maintaining dining area cleanliness, proactively seeking additional tasks, and collaborating effectively with team members to ensure a positive customer experience.

Activities

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

Hackathons/CTFs   September 2018 – Present
- Gained valuable cybersecurity expertise through active involvement in capture-the-flag (CTF) competitions, including participation in teams for CMU picoCTF and Radford RUSecure CTF, as well as engagement in hackathons like VCU RamHacks and VCU Mini-Hack.

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