Jaafar Maksoud

Contact Info and LinkedIn:

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LinkedIn:
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Programming Skills:

Java ●●●●○

C ●●●●○

C# ●●●○○

SQL ●●●●○

JavaScript ●●●○○

Python ●●●●○

Next.Js ●●●●○

Soft Skills:

Creative Problem Solving

Team Building

Leadership

Strategic Planning

Education

- Virginia Commonwealth University Richmond, VA
  - Bachelor of Science in Computer Science
  - Expected Graduation: May 2023
  - GPA: 3.794 (Cumulative), 3.897 (Department)
- Dean's List (Fall 2019, Fall 2021)
- Relevant Courses: Data Structures and Object-Oriented Programming, Algorithm Analysis, Interdisciplinary Web Design, Computer Organization, Computer Systems

Projects & Relevant Experience

Software Engineering Intern, Eaton
Richmond, VA Summer 2022
- Familiarized myself with Microsoft SQL Server, the Octave platform, Postman, IOT gateways, and RabbitMQ.
- Built a WinForms application to simulate customizable payloads and post them to an Azure endpoint.
- Built a WinForms dashboard to monitor and display the status of different IOT devices.
- Used GitHub to collaborate with other interns on projects.

App to help implement Virginia CS standards, Capstone
VCU, Richmond, VA Fall 2022 - Spring 2023
- Built a MySQL Database to store all Virginia CS Standards of Learning.
- Working in a group to create the front end of the app to let teacher/administrators match which CS standard they think would fit with which subject being taught at their school.
- Implementing MUI components and using Tailwind CSS to make the UI more user friendly.

National Parks App, Database Theory
VCU, Richmond, VA Fall 2022
- Created a database to store information about all National Parks in the U.S.
- Worked in a group to implement a UI using Next.js to let the user filter though the information using location or park name.

Teaching Assistant, Computer Systems
VCU January 2022 – December 2023
- Assist students with lab assignments and ensure that they understand the material taught in class.
- Grade assignments including labs and tests and report back to the professor regarding the students' performance.
- Explain key concepts to students who did not fully grasp the material being taught in class.