



CONTACT



Richmond, VA



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(703)307-5980

SKILLS

Computer Skills

Github, Visual Studio Code, Figma, Microsoft Office: PowerPoint, Excel, Word

Programming Skills

Java, C, Unix/Linux shell scripting, Python, Next.js, SQL

Language Skills

Fluent in English, Arabic (Sudanese Dialect)

Soft Skills

Communication, Team Player, Adaptability, Self-Motivated, Problem Solving, Positive

ORGANIZATIONS

May 2022 - Present

Treasurer, National Society of Black Engineers

Isam Makkie

Focused & hardworking senior Computer Science major seeking a full time Software Engineer position.

Education

Virginia Commonwealth University (VCU) Richmond, VA

Bachelor of Science in Computer Science

Expected Graduation: May 2023

Relevant Projects

App To Help Implement Virginia CS Standards, Senior Capstone Fall 2022 - Spring 2023

- Collaborating with a group of four to build a web application that assists teachers/administrators to help map Computer Science standards to subjects.
- Using Next.js to develop the front end application. Implementing MUI components and using Tailwind CSS to make the UI experience user friendly.
- Built a MySQL database that stores Divisions/Schools and Virginia CS Standards.

Shoe Inventory, Database Theory

Fall 2022

- Implemented a MySQL database to keep track of an independent shoe reseller's inventory and transactional history.
- Developed a simple UI in Next.js that allows the user to see available shoes in the inventory. The user is able to add shoes to the inventory or remove a shoe if it was sold and document the transaction.

DevOps, Software As A Service

Fall 2022

- Developed a REST API end point using Flask that responds to an HTTP get request.
- Created a PyTest unit test to call the endpoint and ensure that it works properly.
- Used Docker to build and run two docker containers, one for the REST endpoint and the other for the PyTest.
- Wrote an Ansible playbook that automates the building and running of each of the two containers.