

Solumtochukwu Orji

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Objective

Passionate Computer Science graduate focusing on Software Development seeking an opportunity where skills in programming languages, frameworks, and other development tools can be expanded to the company. Specializing in quality, speed, and performance improvements towards writing programs and managing data. Multilingual and Critical thinker capable of working with both as a team and independently.

Education

Georgia State University | Atlanta, GA

Bachelor of Science in Computer Science

GPA 3.09

August 2017 – December 2021

Graduated, December 2021

Dean's List: Fall (2020)

Honors/Awards:

Presidents List: Fall (2021), Hope Scholarship

Relevant Coursework

Software Engineering, Design Analysis: Algorithms, Data Structures, Discrete mathematics, Mobile Computing, and Wireless Networking, Operating Systems, Mobile App Development, Web Programming

Experience

NFHS network | Play On Sport | Atlanta GA

October 2021 –

Associate Engineer – Calibration

- Troubleshoot issues with software used to stream live video. Collaborate closely with other engineers, stakeholders, and internal customers
- Logging in to automated computers via remote desktop software.
- Examine test cases and lend a hand with quality assurance initiatives. Resolve applications defects (debugging and bug cycle support).
- Using our ticketing system to answer notes when units are ready for calibration.

Projects

Food Hunt: Web App Flask and React

Fall 2021

- An app that allows users to find recipes and restaurants for foods they are craving. Users will be able to search for recipes based on various ingredients/keywords.
- The app allows users to log in so they can save recipes and store their location to view restaurants in their area.
- Created a web app with a Python (Flask) backend and a JavaScript (React) frontend that displays user interfaces in a visually appealing way. Deployed to Heroku.

Music-Discovery Webpage Spotify API

Fall 2021

- Web app that shows song(s) from your favorite artist(s) and link(s) to the music and lyrics.
- This data was dynamically generated by using third-party APIs from Spotify and Genius.
- Wrote a web app with a Python (Flask) backend and an Html (CSS) frontend that displays information about a user's favorite artists and songs. Deployed app via Heroku.

Tap News: OpenWeatherMap API

Spring 2021

- Created an android app project that packages weather forecasts, driving commutes, and news reading functionalities together for quick viewing.
- Tap News shows articles from different publications, shows weather forecasts for the next several days based on your location, and the expected amount of traffic along your commuting routes

Implementing a Hospital Database: Workbench

Spring 2021

- Design and implement a database using a relational database management system (MySQL Workbench)
- created an ER Model (conceptual) and determined hospital entities, then the attributes of these entities and the relationships among them.

Relational Model Emulator:

Spring 2021

- Implemented emulator that would be able to create relational model elements such as relations, tuples, and attributes, check the validity constraints of the relation

Skills

Programming: Java, Python, C, Bash, JavaScript, HTML, Kotlin

Platforms/ Libraries: OpenVMS, MySQL workbench, Git, Flask, SQLAlchemy, Bootstrap, Heroku

Software: Android Studio, GitHub, Microsoft Azure