Simon Yoseph

Lanham, MD | +1 301-213-9202 | simon97862012@gmail.com | LinkedIn | GitHub

SKILLS

Programming Languages: Java, C++, JavaScript, HTML, CSS, SQL, Python
Tools/ Frameworks: Visual Studio Code, Microsoft Office, Google Drive, React Native, Git, GitHub, Node, Vercel, JIRA, Trello, MongoDB, React, Express, Tailwind, Streamlit
Operating Systems: Mac, Linux, Windows

EXPERIENCE

Data Scientist Intern | *Python, Pandas, SQL*   **January 2024 – Present**
Towson University | Towson, MD
- Researching, analyzing, and cleaning Baltimore's 311 and 911 calls to find possible correlations to criminal activity and city services.
- Implementing and deploying to production, a visualization of 900,000+ data items using the Streamlit open-source app.

Building Manager   **August 2021 – Present**
Towson University | Towson, MD
- Entering data, including details about lost or found items, into the system with an outstanding precision rate, ensuring that reports include precise location information and photo images of the items.
- Fulfilling resource and data requests from students, Towson University Police Department, and professional staff with a prompt turnaround, achieving a 95% fulfillment rate.

Technical Data Entry Clerk   **June 2023 – February 2024**
Westat | Rockville, Maryland
- Inputted and test data on both mobile and computer platforms using survey software (PATH) allowing 50% more test data to be available for the testing team.
- Maintained databases containing customer information, ensuring secure access and management in accordance with NIH protocols leading to a 15% reduction in errors and upholding integrity and confidentiality.

PROJECTS

MyFit | **Front-End Application**   **September 2023 – December 2023**
HTML, CSS, JavaScript, React, Axios, Tailwind, Next.js, PostgreSQL
- Developed a responsive fitness app using the React framework (Next.js 14) for an engaging user experience.
- Implemented PostgreSQL database (Neon.tech) for efficient user data management and utilized REST endpoints services from Nhost.io for seamless data communication.
- Enhanced app security and reliability by integrating Google Cloud Platform authentication API

Travel Trove AI | **Front-End Application**   **September 2023 – December 2023**
HTML, CSS, JavaScript, React, Tailwind, Next.js, PostgreSQL
- Developed and maintained a seamless web app using a JavaScript-based MERN stack.
- Integrated third-party APIs for real-time weather, safety, language translation, currency conversion, and booking services, enhancing travel planning.

EDUCATION

Towson University, Towson, MD   **May 2024**
Bachelor of Science in Computer Science
Organizations: Ethiopian- Eritrean Student Association Historian | Towson University's Software Engineering Club
Relevant Coursework: Data Communication & Networking, Operating Systems, Database Management Systems, Data Structures and Algorithms, Software Engineering, Web-Based Program, Foundations of Data Mining, Computer Simulation & Modeling & Software Quality Assurance and Testing