

Simon Yoseph

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EDUCATION

Towson University, Towson, MD
BS in Computer Science

May 2024

- 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 Programming

SKILLS

Programming Languages: Java, C++, C, JavaScript, HTML, CSS, Database primary/ foreign key implementation

Tools: Visual Studio Code, Apache NetBeans, Microsoft Office, Windows/ Mac OS, Google Drive, LMS

Languages: Fluent English, Conversational Amharic

EXPERIENCE

Westat

June 2023 - Present

Technical Data Entry Clerk | Rockville, Maryland

- Rapidly and accurately input and test data on both mobile and computer platforms using survey software (PATH).
- Thoroughly verify and update entered data by meticulously reviewing data figures and completing test scenarios in digital databases.
- Diligently maintain databases containing customer information, ensuring secure access and management in accordance with NIH protocols.

University Union

August 2021 - Present

Building Manager | Towson, Maryland

- Accurately entering data, including details about lost or found items, into the system. 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.
- Regularly liaising with Event and Conference Services, event staff, housekeeping, and maintenance to ensure effective communication and coordination.

PROJECTS

Fitness Webpage | *HTML, CSS, JavaScript*

September 2023 – December 2023

- Created a fitness app using React framework (Next.js 14) with a robust and responsive front-end 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 and employing React-Query, Axios, Framer-Motion, React-Icons, and Radix libraries for functionality and visual appeal.

Travel Trove AI | *Javascript (MERN), Vercel*

September 2023 – December 2023

- Developed and maintained a web app using a JavaScript-based MERN stack for a seamless user experience.
- Integrated third-party APIs for real-time weather updates, safety info, language translation, currency conversion, and booking services, enhancing travel information and planning.
- Utilized data providers to ensure accuracy and timeliness of information, specifically for features like budgeting, currency conversion, and language translation tools.