

Simon Yoseph

Lanham, MD | 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, React Native, Git, GitHub, Gitlab, Node.js, Vercel, JIRA, Trello, MongoDB, React, Express, Tailwind, Streamlit, Jupyter Notebook

Operating Systems: Mac, Linux, Windows

EXPERIENCE

Data Scientist

January 2024 – May 2024

National Science Foundation (Baltimore Data Science Corps) | Towson, MD

- Conducted comprehensive research, analysis, and cleansing of Baltimore's 311 and 911 calls data using Python, Pandas, and SQL, reducing data processing time by 45%.
- Developed and deployed a powerful visualization tool with Streamlit, analyzing over 900,000 data items, increasing data visualization efficiency by 25% and identifying correlations between criminal activity and city services.
- Designed and developed automated test scripts that ensure data products meet their functional and non-functional requirements, improving data analysis efficiency by 75%.

IT Support/ Building Manager

August 2021 – May 2024

Towson University | Towson, MD

- Led, designed and delivered IT training sessions for colleagues, covering university systems, data entry tools, and software best practices, increasing technical proficiency by 25%.
- Exhibited outstanding project management skills, being highly organized, detail-oriented, and able to meet deadlines under pressure achieving a 95% on-time project completion rate while communicating to senior staff

Technical Data Entry Clerk

June 2023 – February 2024

Westat | Rockville, Maryland

- Inputted and tested data on both mobile and computer platforms using survey software, increasing available test data by 50%.
- Maintained customer information databases, ensuring secure access and management in accordance with NIH protocols, leading to a 15% reduction in errors and upholding data integrity and confidentiality.

PERSONAL PROJECTS

Travel Trove AI

- Combined web app for flight search, language translation, and currency conversion functionalities, utilizing JavaScript, Next.js, and Tailwind CSS.
- Integrated Amadeus Flight Search API for real-time flight bookings, leveraged OpenAI for multilingual text translation, and built a currency conversion tool to handle various currencies.
- Set up the development environment using npm, configured API integrations by securely managing keys in environment files, and facilitated smooth local testing and deployment.

Fitness App

- Created web app for fitness enthusiasts, utilizing JavaScript and Next.js to deliver a responsive and interactive user experience bringing productivity and efficiency 65% more for workout routines.
- Implemented reusable UI components using Shadcn UI, and ensured seamless functionality with robust CSS styling allowing ease of understanding and usage to be 45% more for clients.

EDUCATION

Towson University, Towson, MD

Bachelor of Science in Computer Science

Organizations: Ethiopian- Eritrean Student Association Historian | Towson University's Software Engineering Club