

Simon Yoseph

Lanham, MD | 301-213-9202 | simon97862012@gmail.com | [LinkedIn](#) | [GitHub](#)

SKILLS

Programming Languages: Java, C++, JavaScript, HTML, CSS, SQL, Python

Tools/ Frameworks: Snowflake, Tableau, 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 Science Internship

January 2024 – May 2024

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

- Led the **development and deployment** of a **Streamlit-based data visualization tool**, improving user experience for analyzing over 900,000 data points by **25%**.
- Collaborated with a cross-functional team to translate project requirements into **technical specifications**, developing scalable solutions for **data processing and visualization**.
- Improved data processing speed by **45%** using **Python** and **Pandas**, ensuring efficient front-end interaction for web-based data tools.

IT Support/ Building Manager

August 2021 – May 2024

Towson University | Towson, MD

- Led the implementation of **IT systems training** for university colleagues, increasing technical proficiency by **25%**, aligning with the goal of maintaining high digital standards across platforms.
- Demonstrated strong **project management** skills by managing multiple IT-related projects, maintaining a **95% on-time delivery rate**, and communicating technical needs to senior stakeholders.
- Delivered **technical solutions** to complex issues within the university's IT infrastructure, optimizing software performance for **scalability and speed**.

Technical Data Entry Clerk

June 2023 – February 2024

Westat | Rockville, Maryland

- Developed and maintained data systems that complied with **data integrity** and **security standards** as per NIH protocols, improving operational efficiency by **15%**.
- Troubleshoot and optimized data handling processes, resulting in a **50% increase** in available test data for analysis.

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 | Bachelor of Science in Computer Science