

# Simon Yoseph

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## SKILLS

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

Tools/ Frameworks: Snowflake, Tableau, Power BI, 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, enhancing user experience for analyzing over 900,000 data points by 25%.
- Ran A/B tests for user behavior analysis, advising on hypothesis generation, sample size calculations, and interpreting test results to drive decision-making.
- Developed, improved and monitored data pipelines and models using Python, ensuring robust data processing infrastructure for web-based tools.
- Collaborated with cross-functional teams, fostering agreement and overseeing data projects to successful completion, ensuring alignment with project goals.
- Utilized SQL for complex queries and data manipulation, ensuring accurate data analysis and reporting.

### IT Support/ Building Manager

August 2021 – May 2024

#### Towson University | Towson, MD

- Provided day-to-day support for PC hardware and software, including installation, diagnosis, repair, and upgrades
- Implemented IT systems training for university colleagues, increasing technical proficiency by 25%
- Managed multiple IT-related projects with a 95% on-time delivery rate, demonstrating strong project management and multitasking skills
- Applied analytical skills to troubleshoot and optimize IT infrastructure, aligning technical solutions with user needs and efficiency goals.

### 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** || Bachelor of Science in Computer Science | Towson University