

# Simon Yoseph

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## SKILLS

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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

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### 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

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### [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

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Towson University | Bachelor of Science in Computer Science