

# 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, Adobe

**Operating Systems:** Mac, Linux, Windows

## EXPERIENCE

**Data Science Intern**

**January 2024 – May 2024**

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

- Developed and maintained interactive dashboards using Power BI and SQL Server, analyzing 900,000+ data points to improve operational efficiency by 25%
- Implemented data validation and quality control measures across multiple systems, ensuring data integrity and system reliability
- Collaborated with stakeholders to gather requirements and deliver technical solutions, demonstrating strong analytical and communication skills

**IT Support/ Building Manager**

**August 2021 – May 2024**

**Towson University | Towson, MD**

- Implemented and maintained IT systems using SDLC methodologies, developing SQL queries and providing technical support across multiple technology domains for 20,000+ users
- Led root cause analysis investigations and system troubleshooting, reducing recurring issues by 30% while managing Windows OS environments
- Created performance monitoring systems and documentation for IT infrastructure, resulting in 20% reduction in system downtime

**Technical Data Entry Clerk**

**June 2023 – February 2024**

**Westat | Rockville, Maryland**

- Established data quality control processes in a regulated environment, reducing error rates by 40% through automated validation checks
- Created performance monitoring reports using Power BI and SQL queries to track system metrics and improve data accuracy by 35%
- Maintained validated computer systems compliance while collaborating with quality assurance teams to ensure data integrity

## PERSONAL PROJECTS

[Travel Trove AI](#)

- Combined web app for flight search, language translation, and currency conversion functionalities, utilizing JavaScript, HTML/ CSS, 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 HTML, JavaScript and CSS styling allowing ease of understanding and usage to be 45% more.

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