Simon Yoseph

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SKILLS

Programming Languages: Java, C++, JavaScript, HTML, CSS, SQL, Python
Tools/ Frameworks: Visual Studio Code, Microsoft Office, Google Drive, React Native, Git, GitHub, Node, 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 30%.
- 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.
- Managed data pipelining, developed data tables, and implemented dashboards, improving data analysis efficiency by 20%.
- Utilized mathematical methods to develop explanatory and predictive models, increasing model accuracy by 15% and informing outcomes-based plans.
- Collaborated with remote teams, maintaining a delivery-driven approach with minimal supervision, achieving a 95% on-time project completion rate.

Building Manager   **August 2021 – May 2024**
Towson University | Towson, MD
- Entered data with high precision, ensuring accurate reporting of lost or found items including location information and photo images.
- Managed multiple projects simultaneously and maintained a 95% fulfillment rate for resource and data requests from students, the Towson University Police Department, and professional staff.
- Created data-driven reports and presentations for stakeholders, highlighting key performance metrics and operational insights
- Exhibited outstanding project management skills, being highly organized, detail-oriented, and able to meet deadlines under pressure.
- Proven ability to collaborate cross-functionally and gain respect and support from internal and external partners.

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.
- Supported strategic ad hoc and competitive analysis to identify trends and opportunities for improvement.
- Demonstrated proficiency in data quality assurance and validation techniques

EDUCATION

Towson University, Towson, MD
Bachelor of Science in Computer Science
Organizations: Ethiopian- Eritrean Student Association Historian | Towson University's Software Engineering Club