Tyrese May

Data Analyst

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PROFESSIONAL SUMMARY

Data Analyst with experience at Deloitte, supporting performance engineering and AI solution design for enterprise systems. National Science Foundation recipient pursuing a Bachelor's in Computer Science at NJIT. Candidate for Microsoft Azure certification, to enhance cloud and data infrastructure capabilities. Skilled in analyzing and transforming service-level data, optimizing code for efficiency, and delivering insights through production-grade dashboards. Recognized for leadership, technical excellence, and a proactive approach to solving complex problems.

WORK EXPERIENCE

Data Analyst Intern
06/2023 – 08/2024
Deloitte Touche Tohmatsu Limited
Dallas, TX
- Spearheaded the design and deployment of Azure-based performance dashboards by analyzing application logs and system metrics, enabling proactive issue detection and resolution; presented findings to cross-functional stakeholders including senior leadership and clients, resulting in a 20% reduction in incident response time and a 15% boost in resource utilization through ongoing adoption.

- Partnered with Deloitte's Global Digital Applications & Innovation teams to design and deliver proof-of-concept solutions using cloud architecture and productivity tools; improved infrastructure scalability and streamlined digital workflows, accelerating team efficiency and showcasing cross-functional impact through stakeholder demos and client-facing presentations.

- Placed 2nd and 3rd in Deloitte's AI & Innovation Challenges by developing an AI-powered productivity assistant and a collaboration platform for intern teams; applied data-driven logic, rapid prototyping, and stakeholder-focused design to deliver scalable solutions recognized by leadership and adopted for internal use.

Program Data Analyst
11/2021 – Present
NJIT - Educational Opportunity Program
Newark, NJ
- Oversee intake and academic support for 150+ students by streamlining advising workflows, tutoring calculus with performance tracking, and evaluating staff candidates to improve learning outcomes and team alignment.

- Managing scheduling systems, attendance tracking, and equipment loan databases to monitor student usage; currently maintaining accurate records for current and past borrowers, supporting operational efficiency and accountability across student support services.

- Created and maintaining inventory spreadsheets to track program equipment; compile and presenting monthly reports to upper management and advisors, ensuring data accuracy and supporting strategic resource planning.

PROFESSIONAL PROJECTS

Full-Stack Web App with Role-Based Access and YouTube API Integration
05/2025 – 08/2025
- Engineered a modular PHP/MySQL web application with role-based access and dynamic search powered by YouTube's autocomplete API; leveraged cURL to retrieve and parse JSON data, and executed SQL queries to analyze user behavior and optimize feature adoption.

- Implemented backend logic to log user interactions and search activity; performed SQL-based analysis to uncover usage patterns, inform feature enhancements, and improve overall user experience.

NOTABLE AWARDS

Applying Student Knowledge for Success in Cybersecurity & Data Science (S-STEM)
09/2021
- Grant totaling $30,000 funded by the National Science Foundation.

Scholar, National Action Council for Minorities in Engineering (NACME)
08/2021
- Awarded scholarship supporting underrepresented minorities in engineering and technology fields.

KEY SKILLS

Programming Languages
Python | Java | C/C#/C++ | SQL | Bash | HTML/CSS | JavaScript | PHP

Developer Tools
Azure | MySQL | Visual Studio Code | Google Colab | Microsoft Office | Wireshark

EDUCATION

Bachelor of Science in Computer Science   Graduation – 05/2026
NEW JERSEY INSTITUTE OF TECHNOLOGY   NEWARK, NJ

NJIT Relevant Courses

Data Structures & Algorithms | Operating Systems Design | Advanced Database Systems | Data Science |