

Luke Roberts

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Education

THE UNIVERSITY OF ALABAMA

Tuscaloosa, AL

Bachelor of Science in Computer Science. GPA: 3.742/4.0

December 2023

Relevant Coursework: Digital Logic. Microcomputers. Data Science. Data Structures and Algorithms. Testing and Quality Assurance. Database Management Systems. Database Applications. Python Programming. Engineering Statistics. Linear Algebra. Operating Systems. Honors College.

Experience

UPMC

Pittsburgh, PA

Database Administrator

January 2024 – Present

- Implemented automated data migration solutions, resulting in a 98% time reduction in manual data entry, significantly enhancing efficiency and productivity among colleagues
- Designed and deployed SQL Server and MS Access applications, crafting solutions for data entry optimization, quality assurance, and user interface functionality
- Orchestrated the development and execution of data monitoring and management procedures, including query building, report creation, and dataset compilation for analysis
- Utilized SQL expertise to generate comprehensive reports, automate audits, and ensure high data quality standards, facilitating streamlined data management processes and regulatory compliance
- Developed insightful visualizations to effectively communicate project progress and insights to stakeholders, facilitating informed decision-making

THE UNIVERSITY OF ALABAMA

Tuscaloosa, AL

Resident Advisor

July 2021 – December 2023

- Fostered the development of a healthy and diverse community among seventy-two residents

ERIE INSURANCE

Erie, PA

Data Intern

May 2023 – August 2023

- Leveraged Qlik Sense, SAS, and Excel to analyze intricate data, identifying opportunities to smoothly transition customers to new products
- Played a pivotal role in supporting the company's long-term goals by uncovering areas for product transition feasibility
- Effectively communicated findings to leadership, facilitating informed decision-making processes

Certifications

GOOGLE

Coursera

Data Analytics Professional Certificate

May 2022 – November 2022

- Completed a comprehensive six-month job-ready Google Career Certificate training program
- Demonstrated hands-on experience with data cleaning, data visualization, project management, interpreting and communicating data analytics findings
- Transformed multifaceted data into actionable insights utilizing a solid foundation of databases

Skills & Interests

Technical: SQL Server, Python, Linux, SQL, Excel, Access, Qlik

Transferable: Pattern Recognition, Teamwork, Flexibility, Long-term Goal-Oriented, Loyal, Persistent

Interests: Learning Hindi, Hiking, Triathlons, Self-Development, Puzzles