Justin Morgan

DATABASE AND INTEGRATION ENGINEER INTERN

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EXPERIENCE

Database and Integration Engineer Intern

Acxiom - Conway, AR | *January 2023 - Current*

- Utilizing an IPaaS platform, I created and optimized a REST API integration, automating data transfers to our on-premises databases, resulting in a yearly savings of 23 hours, and enhancing report precision
- Strong foundation with relational databases concepts such as normalization, clustering, and concurrency
- Instrumental in optimizing and creating SQL queries, jobs, stored procedures resulting in enhanced database performance and efficiency
- Understanding of third-party APIs and authentication techniques, including OAuth and API keys, complemented by a decent understanding in RESTful and SOAP service methodologies

PROJECTS

Algebra Calculator, *C++*

- C++ application adept at deciphering mathematical equations, leveraging binary tree algorithms and a token mechanism for accurate parsing and assessment of user inputted algebraic expressions

PyTorch-Image-Classification, Python

- Deep learning model implemented using PyTorch for image classification, designed to accurately classify images into various categories using Convolutional Neural Networks (CNNs)

EDUCATION

Aug 2022 – May 2025
Bachelor's Degree Computer Science | University of Central Arkansas

- GPA: 3.6
- UCA National Society of Leadership and Success
- Chancellor's List

SKILLS

- Git & GitHub
- ServiceNow
- Agile Practices
- Power BI
- C++
- Salesforce
- MySQL
- HTML & CSS
- Azure