

# 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

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## 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)/

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## 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

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## SKILLS

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