

# Abdullah Moghal

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## EDUCATION

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**The University of Texas at Arlington - College of Business** | Arlington, TX  
*Bachelor of Science in Information Systems*

May 2026

## EXPERIENCE

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**Medline Industries, LP** | Northbrook, IL

June 2025 - Present

*IT Business Systems Intern*

- Collaborated with a team of 5 to develop a centralized UI application for managing 100+ configuration flags across the Warehouse Management Systems Database
- Delivered 3+ executive presentations proposing the application as a standard database configuration framework
- Revamped and implemented an approval workflow ensuring 100% traceability and auditability of configuration changes
- Built the front end (HTML, CSS, JavaScript) and back end (Java, Spring Boot, IntelliJ) with Azure integration and a proxy-based connection to the database ensuring real-time configuration management

**TLT - Tomorrow's Leaders Today, Inc** | Remote

February 2025 – April 2025

*Data Research Intern*

- Compiled and maintained a master spreadsheet of 50+ foster/adoption and underserved youth resources across multiple Texas counties, ensuring 100% data accuracy for organizational use
- Collaborated in a group of 4 to develop a 20-minute training module on advanced data cleaning techniques, contributing to TLT's online knowledge library
- Completed an average of 4 data-research deliverables per week, presenting concise weekly project updates to the board of directors

**AI-PIN** | Plano, TX

May 2024 – September 2024

*AI Research Intern*

- Accelerated research processes, reducing onboarding time by 25% and enhancing data accessibility for seamless collaboration
- Delivered 10+ AI feature presentations, driving team alignment and accelerating adoption of new functionalities
- Optimized AI chatbot performance by analyzing and refining response scripts, increasing accuracy by 20%

## PROJECTS

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**KUTTEK CarWraps Store Front** | *INSY 4315 (Advanced Web Development)*

April 2025

- Built a car wrap storefront using HTML, CSS, JavaScript, and JSON with dynamic ordering, surveys, and embedded maps

**CAST AI** | *INSY 4391 (Generative AI in Business)*

April 2025

- Proposed CAST AI, an SME-focused inventory system using predictive analytics and GPT-4o API with Q&A, simulations, and auto reporting for decision support

**Email Spam Detection with Machine Learning**

September 2024

- Built an email spam detection model using ML algorithms (NB, SVM, DT) with 95% accuracy, leveraging data analysis, text preprocessing, and visualization to enhance insights by 20%

**AI-Driven Lead Generation Strategy**

August 2024

- Identified 50+ leads for a blinds company using AI tools, increasing email deliverability by 25% and lead conversion by 20%

## SKILLS

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- **Data Analysis Tools:** (Pandas, NumPy), Tableau, Power BI
- **Programming Languages:** Python, SQL, HTML, CSS, Java, JavaScript, JSON,
- **Software:** Microsoft 365, Oracle, MySQL, Wireshark, SourceTree, Git, Spring Boot, Microsoft Azure, Azure Cosmos

## VOLUNTEERING & CLUBS

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- **Volunteering:** DFW International Airport Navigator Program, Helping Hand for Relief and Development
- **Clubs:** Muslim Student Association @ UTA - Chair: Graphic Designer, Adobe Student Ambassador