

## Contact

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(LinkedIn)

## Top Skills

Semantic UI  
Color Theory  
Color Correction

## Certifications

Simulink Onramp  
Bloomberg Market Concepts  
MATLAB Certified  
Certified Information Systems  
Auditor (CISA)

## Honors-Awards

Maverick Academic CSE  
Scholarship  
Next Gen Leaders Scholarship

## Publications

Meet Abdulmalik Ajisegiri

# Malik Ajisegiri

Model Risk Engineering @ DTCC - SWE R&D - OU M.S. System  
Engineer

Dallas-Fort Worth Metroplex

## Summary

Generative AI is the compass guiding the future of intelligent systems, and I'm one of the most curious people you'll meet constantly exploring the edge of technology. Vast experience & a strong foundation in software engineering and development, I'm on the cusp of building something meaningful.

My expertise spans ML/ LLM engineering, Financial Engineering, software automations, model risk management & system design.

Currently working at DTCC as a Model Risk Engineer with a focus on Gen AI, LLM & RAG models; testing and validating enterprise scale products across the full MRM lifecycle; ensuring explainability, performance, and compliance for real world business deployment.

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## Experience

The Depository Trust & Clearing Corporation (DTCC)  
1 year 5 months

Model Risk Engineer - Gen AI & LLM  
June 2025 - Present (5 months)  
Dallas-Fort Worth Metroplex

Gen AI Model Architect  
August 2024 - June 2025 (11 months)  
Dallas-Fort Worth Metroplex

Quantitative Model Risk Intern  
June 2024 - August 2024 (3 months)  
Dallas-Fort Worth Metroplex

Model Risk & AI Validation

- GenAI Integration & LLM Monitoring
- NLP Model Evaluation & Benchmarking
- Scripting & Automation for Processes

## Pareto.AI

Financial Engineer

September 2025 - Present (2 months)

Designed multi-scenario Discounted Cash Flow (DCF) and leveraged buyout (LBO) models with automated valuation linkages and scenario toggles, forming the benchmark dataset Pareto.AI now uses to train and validate its finance-specific LLMs for accuracy, formula integrity, and institutional modeling standards.

## University of Oklahoma

Graduate Research And Teaching Assistant

August 2025 - Present (3 months)

## Leekshotit Studios

Founder

April 2020 - Present (5 years 7 months)

## Collins Aerospace

Software Engineer R&D

August 2025 - August 2025 (1 month)

Richardson, Texas, United States

High Frequency Global Communications System (HFGCS)

- Researching and Development of HF Communications systems
- Software Modernization & System Automation

## Collins Aerospace

System Engineer

January 2025 - May 2025 (5 months)

Survivable Airborne Operations Center (SAOC)

- RF Communication Network Modeling (VLF, HF, UHF, SATCOM)
- Systems Engineering & MBSE
- Requirement Decomposition & Traceability

Developed and refined RF comms models across VLF/LF, HF, UHF, and SATCOM networks under mission-systems protocols. Led requirement decomposition and traceability for airborne systems, ensuring NTIA and MIL-STD compliance via Jama and MBSE frameworks.

## Nagarro

Digital Help Desk Specialist

September 2023 - December 2023 (4 months)

## United States

### IT Operations & Support

- Identity & Access Management (IAM)
- Endpoint Monitoring & Troubleshooting
- Ticket Resolution & Workflow Automation

Resolved 150+ monthly tickets via ServiceNow, supporting user identity and device access using IBM Security Identity Manager, NICE Dashboard, and Microsoft Intune.

## Deloitte

### Cyber-Risk Intern

June 2023 - August 2023 (3 months)

Dallas, Texas, United States

### Cyber Security & Risk Management

- Identity & Access Control (RBAC, AES-256)
- API Security & NIST CSF Compliance

Designed and secured the EngineWise platform for 200+ users using RBAC, AES-256 encryption, and NIST CSF standards. Hardened 5 REST APIs and led incident response planning for 50+ developers.

## Deloitte

### Discovery Analyst Intern

June 2022 - August 2022 (3 months)

Houston, Texas, United States

### Business Process Optimization

- ERP & CRM Systems Integration
- Workflow Analysis & Automation
- Operational Efficiency Improvement

## PwC

### Engineering & Technology Career Insights

January 2021 - April 2021 (4 months)

Dallas, Texas, United States

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## Education

### University of Oklahoma

Master of Science - MS, Systems Engineering · (2024 - December 2025)

### The University of Texas at Arlington

Bachelor of Science - BS, Computer Engineering & Mathematics  
Minor · (2020 - 2024)

Houston Community College  
Associate of Science - AS, Computer Science · (2017 - 2022)

Harmony Science Academy-Houston  
STEM · (2016 - 2020)