

TOLULOPE QUDUS ABOLADE

Lagos, Nigeria

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EDUCATION

University of Lagos

Bachelor of Science (B.Sc.), Actuarial Science (4.69/5.0 CGPA)

Lagos, Nigeria
Jan 2019 – March 2026

University of the People

Bachelor of Science (B.Sc.), Computer Science (3.1/4.0 CGPA)

California, USA
Sept 2020 – Jul 2025

ALX (African Leadership Group)

Data Science Diploma

Lagos, Nigeria
Aug 2023 – Aug 2024

WORK EXPERIENCE

Curacel AI

Junior Machine Learning Engineer

Lagos, Nigeria
Jan 2025 - Present

- Promoted to a full-time role after successful completion of the internship, reflecting strong performance and impact on key projects.

Machine Learning Engineering Intern

Jul 2024 – Dec 2024

- Developed an LLM chatbot along with a comprehensive knowledge base that could address over **150** common employee inquiries, enabling significant operational efficiency gains while allowing HR to focus on strategic initiatives rather than routine questions.
- Automated the employee onboarding process, which reduced manual effort by **30%** and accelerated the onboarding cycle by **40%**, thereby increasing HR department productivity.
- Developed and deployed an LLM-based chatbot to assist potential clients in selecting and comparing from over **10** different insurance policies, improving customer engagement.
- Trained an OCR model for Arabic handwritten text on 1200+ images which processes about 10 Arabic claims daily.
- Developed vehicle damage detection model to assist with insurance claim assessments, enabling faster and more accurate claim processing.

Asset & Resource Management Holding Company (ARM Holdco)

Data and Insights Intern

Lagos, Nigeria
March 2024 – Sept 2024

- Managed data collection and analysis, developed visualizations, and collaborated on data-driven strategies to enhance business decision-making and innovation.
- Analyzed and visualized data from over 50 internal processes to identify inefficiencies resulting in a proposed AI-driven solution that improved process efficiency by **20%**.

Kibo School

Automation Engineer

Lagos, Nigeria
Feb 2024 – Jul 2024

- Crafted and optimized sophisticated Airtable workflows that enhanced task tracking and reporting capabilities, resulting in a 40% reduction in project turnaround times and improved visibility across 5 key initiatives.

LEADERSHIP EXPERIENCE

Team lead, AI Hackathon, Tunga AI

Dec 2023

- Led the development of an AI model to enhance developer productivity, coordinating a team of 5 and securing third place out of 150 teams.

VOLUNTEERING

- Alpha Ambassador, Microsoft Learn

Oct 2023 - Present

NOTABLE ACHIEVEMENTS

- AI & ML Scholarship**, Amazon Web Services Oct 2022
- Scholar**, Nigeria Higher Education Foundation Jul 2024
- Undergraduate Certificate in Data Science**, University of the People Sept 2021

SKILLS & INTERESTS

Skills Python, SQL, Pytorch, Microsoft Excel, Microsoft Azure, AWS SageMaker

Languages English

Interests Data Science, Machine learning, Insurance, LLMs, Data Analytics, and AI