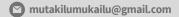# MUTAKILU MUKAILU
AI ENGINEER

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📍 Kumasi, Ghana, West Africa

in linkedin.com/in/mutakilu-mukailu

SUMMARY

Visionary at the intersection of AI, data, and open-source innovation with a track record of success in large-scale model fine-tuning and high-quality data engineering. Over 5 years of expertise in ML and data science, excelling in RLHF, SFT, and prompt engineering. A rapid learner skilled in distributed computing and AI/ML infrastructure, eager to apply and expand expertise in Kubernetes to build scalable, high-impact solutions for enterprise and open-source ecosystems.

SKILLS

- AI & ML Engineering
- Data Science & Analysis
- Machine Learning & NLP
- Distributed Systems & Cloud Computing
- Fine-tuning (RLHF, SFT, Prompt Engineering)
- Programming (Python & JS)
- Communication & Stakeholder Engagement

WORK EXPERIENCE

AI Engineer
Turing • Aug 2024 - Present

- *High-quality data curation for RLHF and benchmarking Apple's foundation modelsDevelopment of Research Methodologies*
- *Fine-tuning LLMs using RLHF, SFT, and prompt engineering for optimized performance*
- *Advanced data preprocessing and analysis to drive AI model efficiency*
- *Leading a team of 10 engineers to develop scalable AI solutions in Python & JavaScript*
- *Designing experimentation strategies to improve LLM performance and reliability*

AI Research Assistant
LHydra • Sep 2023 - Present

- *Documentation of Research Processes*
- *Development of Research Methodologies*
- *Coding, Code Generation, and Code Cleaning*
- *Development of logic and experimentation*

Founder & Lead Data Science Instructor
Home Skool Academy • Oct 2022 - Present

- *Develop and teach data science courses.*
- *Innovative Teaching Methods*
- *Curriculum Development*
- *Assessment and Mentorship*

EDUCATION

Bachelor of Science in Actuarial Science
**Kwame Nkrumah University of Science and Technology •
2021–2024**

Applied Data Science
**WorldQuant University •
Jan 2022– Dec 2022**

CERTIFICATIONS

Applied Data Science Lab
WorldQuant University. • 2022

Become a Data Analyst
Linkedin Learning • 2022