

Contact

Accra-Ghana
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Top Skills

Deep Learning
Software Engineering
Llama 2 and 3 Models

Languages

English (Full Professional)

Certifications

Introduction to Design Thinking
High Performance Teams
Multi AI Agent Systems with crewAI
Introduction to Customer Discovery
Finetuning Large Language Models

Patrick Attankurugu

AI/ML Engineer
Greater Accra Region, Ghana

Summary

Results-driven AI/ML Engineer developing AI solutions for identity verification and management and solutions that make communities smarter and safer.

I :

Design fraud detection systems using hybrid AI (Traditional ML + LLMs + AI Agents)

Build real-time identity verification & KYC/AML compliance tools

Develop deepfake detection systems that protect financial institutions from AI attacks

Create predictive surveillance solutions for smart city infrastructure and community safety

I bring 5+ years of experience specializing in Computer Vision, Deep Learning, and Generative AI across three domains:

1. Identity verification and financial fraud
2. Smart cities and community safety
3. Agriculture

Specialized Stack: Financial AI (fraud detection, identity verification), Computer Vision (surveillance, document processing), and Cloud-Native ML (real-time processing at scale).

Experience

Agregar Tech
1 year

Senior AI/ML & Backend Engineer
February 2025 - Present (6 months)
Accra, Greater Accra Region, Ghana

- Leading the development of AI-driven security-focused products and platforms.
- Designing and deploying AI-powered identity verification solutions
- Enhancing KYC/KYB/KYE compliance processes through AI automation.

Machine Learning Specialist

August 2024 - Present (1 year)

Accra, Greater Accra Region, Ghana

- Developed AI applications for automated background checks and fraud detection.
- Implemented machine learning models to streamline customer onboarding and risk assessment.
- Trained deep neural networks for verifying documents
- Built state-of-the-art deepfake detection system for combating financial fraud

Sema Technologies Inc.

Chief Executive Officer

December 2023 - Present (1 year 8 months)

Accra, Greater Accra Region, Ghana

Leveraging AI and machine learning to foresee and prevent security threats before they occur, ensuring a proactive approach to crime control

Ghana Digital Centres Limited

AI Developer

November 2022 - July 2024 (1 year 9 months)

Developing AI systems that power surveillance cameras

Kosmos Innovation Center Ghana

KIC AgriTech Challenge Fellow

June 2023 - November 2023 (6 months)

Ghana

Chief Technology Officer for Team PIGCASS

DEXT Solutions Consult

Junior Web Developer

July 2019 - December 2019 (6 months)

East Legon

Education

Aspire Institute

Aspire Leaders Program, Leadership Development · (August 2024 - November 2024)

Queen's University

Entrepreneurship/Entrepreneurial Studies · (January 2024 - August 2024)

Zero To Mastery Academy

Data Structures and Algorithms · (August 2022 - October 2022)

University of Ghana

Bachelor's degree, Computer Science · (2018 - 2022)

University of Ghana

Bachelor's degree, Chemistry · (2017 - 2018)