



Adeniran Abdou-Chakour Tidjani


Personal details


 Adeniran Abdou-Chakour Tidjani


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 Ghana

 Beninoise

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Skills

Python, Java

Machine Learning, NLP

HTML, CSS, JS

React.js, Node.js, Wordpress

Git/GitHub

MySQL

MS Excel

Google Data Analytics tools

Problem-solving

Communication

Languages

French 

English 

Profile

Computer Science graduate with strong interests in Artificial Intelligence, Machine Learning, and Optimization Algorithms. Experienced in developing AI-driven solutions including UAV path planning using Ant Colony Optimization and machine learning models for spam detection and natural language processing. Bilingual in French and English, with strong problem-solving and communication skills.

Education

Bachelor of Science in Computer Science 2021 - 2025

University of Cape Coast (via West End University College), Ghana

- Relevant Courses: Artificial Intelligence, Data Structures & Algorithms, Machine Learning, Optimization
- Thesis: Path Planning for Power Line Corridor Monitoring Using Ant Colony Optimization

Courses

Google IT Digital Marketing Certificate 2023

CEFR Content and Languages Integrated Learning Certificate 2022

Projects

Power Line Corridor Monitoring with UAVs (Thesis)

[ACO-based path planning algorithm for UAV power line inspection](#)

- Developed an Ant Colony Optimization-based path planning algorithm for UAV inspection of power line corridors
- Simulated optimized UAV routes in obstacle-rich environments to improve inspection efficiency

Twi Language NLP Model (Personal Project)

[NLP model for Twi language processing](#)

- Developed NLP model for Twi, cleaning and processing text datasets for ML training
- Implemented text preprocessing, tokenization, and feature extraction for model training

Web Development Project

[Responsive website for a local education platform](#)

- Built a responsive website using React.js and Node.js for a local education platform
- Implemented user-friendly features like contact forms and dynamic content

AI Spam Classifier

[Machine learning model to detect spam](#)

- Created a machine learning model to detect spam in email and social media
- Trained model using Python and NLP techniques, achieving 90% accuracy