
Desmond Delali Atakpla

(233) 24-1715721 | desmon.delali@gmail.com | <https://github.com/desmonddelali> | <https://www.linkedin.com/in/desmond-atakpla-a00790175/>

SKILLS

Technical skills: Web Development (Full Stack), Mobile App Development, Data Analysis, Data science, Machine Learning, Deep Learning, Version Control

Programming Languages: Python,C,C++,JavaScript,Typescript, Node Js,Dart,Swift UI

Libraries/Platforms: Fast Api, ReactJs, Redux, Tailwind, Flutter

Software/Platforms: Docker, AWS, GCP,Github, Jupyter Notebooks, Hugging Face,Matlab

CERTIFICATIONS

- AWS Academy Cloud Foundations,2023 - AWS Training and Certification([Reference](#))
- ALX Software Engineering,2023 - Cohort 16 ALX SE Certification([Reference](#))
- Google IT Support Certificate,2021 - Coursera
- Intro to Machine Learning,20223 - Kaggle

EDUCATION

Kwame Nkrumah University of Science and Technology

Bachelor of Science in Telecommunications Engineering.

Kumasi, Ghana

August 2018- October 2022

Relevant Coursework

Computer Networking,Mobile and Satellite Communication,Microprocessors,Signals and Systems,
Microwave Engineering, Digital Signal Processing

Pope John Senior High School and Minor Seminary

General Science.

Koforidua, Ghana

October 2015 - May 2018

RELEVANT WORK EXPERIENCE

Research Assistant

Responsible Artificial Intelligence Lab

Kumasi, Ghana

November 2022 - October 2023

- Taught programming languages C++ and JavaScript to students Online through zoom.
- Provided a roadmap on beginners in coding mistakes and succeeding in tech.

Assistant Coding Instructor

Mentorship Program

YAF Ghana

June 2021- October 2021

- Taught programming languages C++ and JavaScript to students online through zoom.
- Provided a roadmap on beginners in coding mistakes and succeeding in tech.

TechWorld Boot Camp and Tournament

Participant

Accra, Ghana

September 2020 - October 2020

- Participated in an intensive 8-week program centered on technology innovation,design thinking and entrepreneurship.

KrisTech IT solution, Weija

Apprenticeship

Accra, Ghana

October 2019 - January 2020

- Learnt diagnostic test on computer hardware and software malfunctions.

- Customer support and assistance to pinpoint faulty areas.
- Installation of software and programs.

Projects

Crop Disease Detection and Tool-Box

January 2023 - October 2023

- Contributed to the development of a CNN model for local crop classification and disease detection.
- Implemented a pipeline utilizing a mobile app we built to capture images of crops on edge, detect diseases and provide recommendations to mitigate and reduce crop disease impact and build up.
- Conducted data collection of local diseased crop images and annotated them to make available to the public for reasearch.

Improving face recognition from a single image using neural networks

January 2022 - September 2022

- Implemented a single-shot classification model to accurately classify images of individuals in a given pose,luminous intensity,emotion change leading to effective recognition.
- Conducted an in-depth research on the application of Convolutional Neural Networks (CCNs) for image processing and recognition specifically focusing on variations in pose,light and emotion

AWARDS and Certificates

- Dean's Honors list

Clubs and Affiliations

KNUST Developer Student Club | KNUST Electronics Club
