

Tomoh Claude Ikfingeh

1 University Avenue, Berekuso, Accra, Ghana | +237 673 031 205
claudetomo20@gmail.com | tomoh.ikfingeh@ashesi.edu.gh | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Computer Science student at Ashesi University and Mastercard Foundation Scholar with hands-on experience building full-stack applications, ML systems, and mobile platforms. Skilled in TypeScript, React, Python, and REST APIs, with experience in machine learning and conversational AI. Interested in building reliable, user-focused software that creates meaningful impact.

EDUCATION

Ashesi University

BSc. Computer Science

Berekuso, Eastern Region, Ghana

Expected Date of Graduation: Jun. 2027

ACHIEVEMENTS / AWARDS / HONORS

- Mastercard Foundation Scholar Program Scholarship, Ashesi University **Jan. 2024 – Jun. 2027**
- 2nd Runner-Up, Xylem Global Student Innovation Challenge **May 2025 – Jul. 2025**
- Winner, Greenpeace Africa Mboa Hub Plastic Challenge **Apr. 2023 – Jun. 2023**

WORK EXPERIENCE

Founder & Team Lead – Rise for Impact

Apr. 2025 – Present

- Founded a Pan-African youth empowerment initiative operating across 4 countries; built NGO and innovation-hub partnerships and coordinated program delivery across regions
- Designed and developed the Rise for Impact platform (TypeScript · React · REST API), a full-stack web application supporting fellowship applications, volunteer coordination, and opportunity discovery

AI & Machine Learning Intern – Future Interns (Remote)

Jun. 2025 – Jul. 2025

- Developed a sales forecasting dashboard (Prophet · Power BI) and a subscriber churn prediction model (XGBoost · Streamlit); completed end-to-end ML pipelines from data preprocessing to model evaluation
- Built a conversational AI chatbot using Dialogflow and OpenAI GPT API; documented technical work publicly on GitHub throughout the internship

PROJECT & RESEARCH

Mboa Health – Flutter, PHP, REST API

Apr 2026 – Present

- Co-developed a mobile health platform for accessible healthcare services in Cameroon; implemented user authentication, health records management, and rule-based symptom triage functionality
- Built backend REST APIs for emergency service integration and patient data management with security and privacy considerations

Spotify User Churn Predictor – Python, XGBoost, Streamlit, Scikit-learn

Jun. – Jul. 2025

- Trained an XGBoost classifier on real behavioral data to predict subscriber churn; built an interactive Streamlit interface for real-time churn probability scoring and retention recommendations

Policy Research Internship – African Leadership Academy

May 2024 – Jul. 2024

- Authored a peer-reviewed policy paper on youth empowerment in West & Central Africa, synthesizing evidence from 10+ countries; published in the African Leadership for Professional Service Journal

CO-CURRICULAR ACTIVITIES

Peer Coach Captain – Ashesi University

Jan. 2025 – Present

- Facilitate structured one-on-one and group coaching sessions for 20+ students, supporting academic performance and personal development

Scholars Representative (Class of 2027) – Mastercard Foundation Scholar Program

May 2024 – May 2025

- Liaised between 168 scholars and the Foundation office; implemented programs strengthening cohort well-being and two-way communication

Program Coordinator – Code4All Initiative, Ashesi University

May 2024 – Present

- Delivered coding and programming training to 50 secondary school girls at Aburi Senior High School; coordinated volunteers and evaluated learning outcomes across program cycles

Lead Ambassador (Top 0.01%) – Extern, New York, US (Remote)

Nov. 2023 – Nov. 2024

- Engaged 2,000+ alumni across 150+ countries; drove 1,000+ externship applications to PwC, National Geographic, HP, and Snapchat through strategic community outreach

SKILLS & INTERESTS

Programming: Python, TypeScript, JavaScript, Java, PHP, SQL, C++, R

Frontend: React, HTML, CSS. **Backend & Data:** Node.js, REST APIs, PostgreSQL, MySQL

AI / ML: Scikit-learn, XGBoost, Prophet, NLP, OpenAI API, Dialogflow, Streamlit, Power BI

Tools: Git, GitHub, Vercel, Google Colab, VS Code. **Languages:** English (Native), French (Fluent)