

FRANCIS YEBOAH ADOM

704-232-3814 | francisadom1379@gmail.com | [linkedin.com/in/francis-yeboah-adom](https://www.linkedin.com/in/francis-yeboah-adom) | github.com/IngFrancis

EDUCATION

Livingstone College

Graduating May 2029

Major: BSc Computer Science, Minor in BSc Economics

Relevant Coursework: Object-Oriented Programming and Data Structures (C++/Python), Web Development, Calculus I, II, Introduction to economics and finance, Google Data Analytics

Honors and Scholarships: Livingstone College Presidential Scholar | |

EXPERIENCE

The Kaya Centre -Koforidua, Ghana

Feb 2024 - Jun 2025

(Volunteer) STEM Facilitator

- Introduced Web programming in HTML and CSS to 20+ Grade 6 students using simple interactive lessons
- Guided them to complete 40+ capstone projects, to enhance their understanding of web development.
- Increased student participation and the graduation rate of the class grew from 34% to 52%

Koforidua Senior High Technical School - Koforidua, Ghana

May 2024 - Nov 2024

Physics Laboratory Assistant

- Assisted in over 15 lab experiments to verify accuracy and smooth delivery before classroom demonstrations
- Collected, recorded and analyzed experimental data, supporting faculty research and 200+ students reports.

PROJECTS

Kay Lee Educational Technologies - Koforidua, Ghana

[Project Link](#)

Software Engineering Intern

- Led the design and implementation of a C++ based library management system using object-oriented programming, streamlining book lending and inventory tracking for over 1,500 students.
- Improved record accuracy by replacing handwritten logs, reducing manual record-keeping errors by 75% and ensuring reliable student borrowing history. Received an Honorable mention by the CTO of the firm.

Waldin Research Hub - Kumasi, Ghana

[Research](#) | [Project Link](#)

Research Analyst Intern

- Applied and compared models based on R-squared, RMSE, and processing time, ranking performance to identify the most effective algorithms for prediction areas burnt by fires.
- Utilized Python simulations to analyze and interpret complex datasets, strengthening research insights.
- Conducted machine learning analysis on the UCI Forest Fires datasets using 41-regression model, and Co-authored and presented a research paper at the Ashesi Maiden Research Conference in 2024.

ACTIVITIES & LEADERSHIP

Livingstone College Honors Program

Aug 2025 - Present

Event Coordinator

- Led the planning and execution of social events for a community of 25+ students to increase collaboration among students and faculty
- Increased event participation by 20% by managing logistics and designing fliers for event timelines efficiently

Society For Financial and Education Club - Koforidua, Ghana

March 2025 - Present

Student Ambassador

- Educated peers on budgeting, credit management, and wealth-building strategies
- Collaborated with faculty and student organizations to integrate financial education into campus programming.
- Represented Koforidua Senior High Technical in national SFEC initiatives and leadership training sessions.

SKILLS

- **Programming languages:** Python, C/C++, JavaScript, Java, HTML/CSS
- **Frameworks:** React, Tailwind, Nextjs, Nodejs, NumPy, Webpack, Tensorflow, Tailwind
- **Developer Tools:** Git, Docker, Google Cloud Platform, Vercel, Redis, FastAPI, Microsoft Office, BigQuery

