

Hilda Adwubi Osei

Software Engineer

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EDUCATION

High School Diploma in General Science, Serwaa Nyarko Girls High School

Sep '17 — Sep '20
KUMASI, Ghana

- Relevant Coursework: Elective Mathematics, Chemistry, Physics, Biology
- Professional Coursework: Frontend Development, Backend Development, Data Analytics, Data Structures, and Algorithms
- Extracurricular Activities: Science Club Organizer, Math Peer Tutor, National Science and Math Quiz Contestant, Track and Field, Catholic Students Association
- Honors and Awards: Overall Best Student (2x), Women Who Code Impact Award, Global AI Summit Award, Digital Marketing by Google, Ashesi Innovation Experience, Young Professionals and Youth Coalition Award

SKILLS

Programming Languages Python, JavaScript, HTML, CSS, SQL, C#

Frameworks and Tools ReactJS, Node.js, Git, Tableau, Flash, MongoDB, Express.js

Skills Web Development, Data Analysis, Problem Solving, Leadership, Team Collaboration, UI/UX Design, API Integration

Languages English, Akan(Twi), Korean, French

EXPERIENCE

Frontend Developer

Dec '24 — Present
Accra, Ghana

Thrive Africe

Key Skills: React, JavaScript, HTML, CSS, UI/UX Design, Git

- Developed user-friendly web interfaces for community-driven platforms, focusing on responsive design.
- Implemented front-end frameworks (React, HTML, CSS) to improve user engagement and interface performance, reducing bounce rates by 20%.
- Worked closely with a cross-functional team to align designs with backend functionalities.

Data Analyst

Sep '24 — Dec '24
Accra, Ghana

ALX Ghana

Key Skills: Python, SQL, Tableau, Data Analysis, Data Visualization

- Collected and cleaned datasets to build models predicting trends in consumer behavior.
- Utilized Python and Tableau for data visualization, delivering 10+ reports to guide business decision-making.
- Worked in a team to analyze data trends, improving reporting efficiency by 40% and providing actionable insights to improve operational decisions.

Software Engineering Fellow

Jul '24 — Sep '24
Remote

Headstarter AI

Key Skills: Python, AI, Machine Learning, REST APIs, Git, Firebase, Clerk, Next.js, React.js

- Collaborated with a team of 4 to design and implement AI-driven applications, focusing on problem-solving and optimization.
- Contributed to a machine learning-powered resume builder, which improved user engagement by 30% by providing tailored resumes in seconds.
- Applied algorithms to enhance AI models and integrated APIs to improve system functionality and scalability.

Software Engineer

Aug '23 — Dec '23
Remote

Google Africa

Key Skills: Python, AI/ML, Cloud Computing, Agile Development, Git

- Optimized code and implemented new features that increased user satisfaction by 25%.
- Contributed to building AI solutions for educational outreach, enhancing learning resources in underserved communities.
- Participated in brainstorming sessions for innovative solutions and collaborated in a team of engineers to improve system scalability.

PROJECTS

AI Resume Builder

Kumasi, Ghana

- Created an AI-powered resume generator that uses natural language processing to assist job seekers in crafting personalized resumes based on their skills, experiences, and industry.
- Skills: Machine Learning, Python, API Integration, Git

Disaster Relief Management System

Kumasi, Ghana

- Developed an application to optimize disaster relief efforts, focusing on resource tracking and allocation.
Skills: JavaScript, Node.js, MongoDB, Google Maps API

Community Health App

Kumasi, Ghana

- To build an app for tracking personal health metrics and providing health-related insights to users
Skills: React, Node.js, MongoDB, JavaScript

Bible Story Animation App

Kumasi, Ghana

- Built an interactive app to animate Bible stories and make them engaging for younger audiences.
Skills: Unity, C#, Adobe Animate

VOLUNTEERING

Mentor and Tutor, Ckodon Foundation

Kumasi, Ghana
Jan '23 — Present

Provide mentorship for 15 students annually, assisting with their SAT preparations.
23 students received top 1% scores thanks to my assistance.

Founder of Coding and Entrepreneurship Bootcamp

Feb '23 — Present

Founded and ran a bootcamp that taught coding and entrepreneurship to underserved students.

Raised \$15,000 in funding and taught over 500 students, equipping them with practical skills for the digital workforce.