

Chris-Brandt Nii Ayitey Atttoh

Software Engineer

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Profile

A final-year Computer Science student at KNUST with a strong passion for technology and innovation. Skilled in software development, IoT solutions, and systems optimization, with hands-on experience designing smart traffic control systems, access control mechanisms, and architectural frameworks for projects like BlockOps. Developed a spam detector model with Streamlit visualization, showcasing proficiency in machine learning and data-driven solutions. Adept at troubleshooting and maintaining computing devices, including counting machines, with a problem-solving mindset. Continuously learning and innovating to develop efficient and scalable tech solutions.

Education

Kwame Nkrumah University of Science and Technology (KNUST)

BSc. Computer Science

01/2022 – 2025 | Kumasi, Ghana

Adisadel College

General Science

10/2018 – 10/2021 | Cape Coast, Ghana

Skills

Languages

Python, Javascript, C++

Cloud Platforms

AWS (EC2, S3, IAM, VPC, RDS, CloudWatch)

Operating Systems

Linux (Ubuntu), Windows, MacOS

Version Control

Git, GitHub

Database

MySQL, AWS Aurora, Dynamo Db, PostgreSQL

Web Development

HTML, CSS, JavaScript, Postman

Machine Learning

Scikit Library, Tensorflow, Joblib, Streamlit

Professional Experience

Union Systems Global

Intern

11/2024 – 12/2024

Accra, Ghana

- Modified existing software to correct errors, adapt to newly implemented hardware or upgrade interfaces.
- Utilized programming languages such as React, Python, JavaScript, and TypeScript for various software development projects.
- Utilized version control systems, such as Git, to manage codebase changes and collaborate effectively with team members.
- Facilitated database design and management, ensuring data integrity, security, and accessibility.

Eye360 Security Company Limited

10/2024 – 11/2024

Intern

Accra, Ghana

- Performed daily inspections of all security officers to confirm their presence at assigned locations and ensure they remained vigilant.
- Prepared and updated weekly roster and salary payment list of guards.
- Conveyed information from security officers with my bosses and sent feedback to security officers.
- Liaised with Supervisors to plan roster and do random checks on our guards on duty.
- Did online recruitment of security guards.

Sanditech Services

10/2022 – 12/2022

Intern

Accra, Ghana

- I helped in assembling of counting machine parts to make it fully functional
- I did some maintenance of counting machines by changing worn out parts and non-functioning sensors

Projects

Email Spam Detector Web App

06/2024 – 07/2024

A user friendly web application used to predict whether a particular message is a spam or not.

Certificates

- AWS Cloud Practitioner Essentials [↗](#)
- Python Essentials 1 - CISCO [↗](#)
- Mobile App Development - Axes Technologies [↗](#)
- Fiber Optics [↗](#)

Interests

IoTs | Cloud Computing | Machine Learning | DevOps | Crypto and Forex Trading | Basketball