

Acheampong Clinton Yaw

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PROFESSIONAL SUMMARY

Aspiring software developer with a strong foundation in Python, JavaScript, C++, and mobile app development using React Native. Proficient in Linux scripting with a passion for creating efficient, user-friendly applications. Eager to leverage my skills and knowledge in a professional setting to contribute to impact projects.

EXPERIENCE

VIRTUAL INFOSEC AFRICA | CYBERSECURITY

OCTOBER 2023 - KNUST - KUMASI

- Cyber Security Course - Gained practical experience in identifying cyber threats. Mitigating cyber threats using industry-standard tools Wireshark for network traffic analysis, Nmap for vulnerability scanning, and Metasploit for penetration testing.
- Assisted in conducting security assessments and vulnerability testing.
- Developed and implemented security protocols to protect sensitive data.

Software Engineering Trainee

ALX Software Engineering Program

[NOVEMBER 2022 - REMOTE]

- Completed intensive training in software engineering principles and best practices.
- Participated in collaborative projects, honing teamwork and communication skills.
- Gained hands-on experience with various programming languages and development tools.

PROJECTS

Mobile Banking Application with Facial Recognition

- Developed a secure mobile banking app using React Native, integrating facial recognition for user authentication.
- Leveraged Python for backend services and data processing.
- Implemented responsive UI components and optimized performance for both Android and iOS platforms.

AI-Powered Chatbot (Python)

- Created an AI-powered chatbot using Python and NLTK library.
- Implemented natural language processing (NLP) techniques for understanding and responding to user queries.

Advanced Data Structures and Algorithms (C++)

- Implemented various advanced data structures (AVL Trees, Red-Black Trees) and algorithms
- Optimized the code for performance and scalability, suitable for large-scale applications.
- Contributions to open source project - Boost - A collection of peer-reviewed portable C++ source libraries.

EDUCATION - Kwame Nkrumah University of Science and Technology

BSc. Telecommunication Engineering

January 2021 - September 2024

SKILLS

Programming

Over 5000+ lines

Python | Shell | JavaScript

C++ | React Native

Familiar

Android | IOS | Windows