

# JASON ABEIKU BOATENG TECHIE

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## PROFILE

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I am a self-motivated final-year Computer Engineering student with a strong interest in cybersecurity and financial systems security. My academic background and internship experiences have equipped me with practical skills in network security, penetration testing, and automation using Python. I am recognized for my analytical mindset, collaborative work ethic, and ability to adapt quickly to technology-driven environments. I am eager to leverage my technical skills and growing expertise to support secure, efficient, and innovative banking operations.

## EDUCATION

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**BSc. Computer Engineering** **Expected September 2025**  
Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana

**W.A.S.S.C.E (General Science)** **September 2018 – September 2021**  
St James Seminary/ Senior High School, Sunyani, Ghana

## WORK EXPERIENCE

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**Intern, Virtual Africa Training Centre (KNUST Cyberlab)**  
**September 2024 – October 2024**

- Performed internal network penetration testing (INPT), including OSINT and exploitation.
- Used tools like Nmap, Hydra, and Metasploit in adversarial simulations.
- Documented attack findings with clear reporting

**Intern, Amalitech (Python Programming)**  
**September 2021 – December 2021**

- Developed Python web scraping scripts using BeautifulSoup and Selenium
- Automated data processing with Pandas, improving efficiency by 30%.
- Applied basic web development skills to streamline scraping processes

**Intern, Cyber & Forensics Security Solutions,**  
**March 2024 – April 2024**

- Conducted vulnerability scans and privilege escalation techniques, identifying and mitigating over 50 critical issues
- Participated in simulated penetration tests and post-exploitation analysis.
- Ranked among top 5 interns for impactful security contributions.

## ACHIEVEMENTS/AWARDS

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Certificate of Participation	21 <sup>st</sup> November, 2024	METACTF
Certificate of Completion	19 <sup>th</sup> May, 2024	Coursera- Google
Top 5 Interns	April 2024	Cyber and Forensics Security Solutions

## PROJECTS/RESEARCH EXPERIENCE

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**Internal Network Pentest Simulation**

- OS detection, port scanning, privilege escalation

**Wireless Penetration**

- Cracked WEP/WPA2 network and conducted MITM attacks

**Web Pentesting**

- Discovered and exploited SQLi, XSS and authentication flaws using DVWA and Burp Suite

## PROFESSIONAL TRAINING/ CERTIFICATION

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Certified Ethical Hacker	1 <sup>st</sup> April, 2025	EC Council
Google Cybersecurity	24 <sup>th</sup> March, 2025	Google

## **LEADERSHIP EXPERIENCE**

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### **Project Group Leader, Data Structures and algorithms Project (January 2024)**

#### **KNUST**

- Organised team members and delegated roles and assignments based on their strength and weaknesses.

### **Leader, Educ8teafrika Cyber security Essentials (October 2023)**

#### **Educ8teafrika**

- Led a group of five individuals, assisting them with their problems and reporting progress and queries to the higher ups

## **VOLUNTARY/EXTRA-CURRICULAR ACTIVITY**

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- **Robotics Club** - Assisted in competition for the school
- **KNUST Cyberclub (December 2024)** – Participated in a hackathon for the group
- **Cyclone Security (November 2024)** – Assisted in solving machines in a CTF competition

## **SKILLS AND ABILITIES**

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- Proficient in Linux, Windows, Python, C/C++, Bash
- Experienced with Metasploit, Nmap, Burp Suite, Hydra, Wireshark
- Strong problem-solving and analytical thinking
- Team collaboration and leadership in tech environments

## **REFEREES**

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Mrs. Alexandra Boateng  
CEO of Educ8africa  
0244865815

Mr. Obed Somoah  
Virtual Infosec Africa Cyberlab Knust  
0240747431