



ZAWALI BAKO

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📍 Home: Lagos (Nigeria)

ABOUT ME

I am deeply passionate about continuous learning and teaching, especially in Data Analytics, Artificial Intelligence, Cybersecurity, and the Web 3.0 ecosystem. I love to play chess games, program on the computer, listen to music, and read good books in my leisure time.

I possess strong interpersonal and organizational skills, coupled with excellent written and spoken communication in the English language. I am dedicated to productively maximizing my potential to achieve set goals and objectives. My proactive problem-solving approach and adaptability to new challenges give me the confidence of being a valuable asset.

DIGITAL SKILLS

Training and Organizational

Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access / Team-work oriented / Organizational and planning skills

Data Analytics

Cybersecurity Analyst / Microsoft Power-BI / Advanced SQL knowledge / Python Libraries (Numpy-Pandas-seaborn-Matplotlib) / Data Gathering, Data Visualisation, Data Analysis / MS Excel (Advanced - Pivot tables and macros)

Computer Programming

Experience with PHP, SQL, HTML, CSS, JavaScript / Basic knowledge of WordPress!

WORK EXPERIENCE

Webacy Web3 Security Data Analytics Externship

Extern [Sep 2024 - Oct 2024]

City: Remote | Website: <https://www.extern.com/>

- Conducted detailed analysis and labeling of smart contract vulnerabilities, enhancing skills in data categorization and risk assessment.
- Validated peers' data labels to ensure accuracy and reliability of data sets.
- Performed frequency and correlation analysis of risk tags to identify the most prevalent vulnerabilities and their associations, gaining proficiency in data manipulation and statistical tools.
- Utilized unsupervised machine learning techniques for cluster analysis, discovering patterns and commonalities among smart contracts to profile risks effectively.

Software Developer / Data Analyst

Pleasantiers Computer Gifts Limited [Oct 2021 - Current]

City: Abuja | Country: Nigeria

- Plan, coordinate, and implement database management systems.
- Ensure that data sources and repositories provide consistent and reliable data.
- Collect, clean, transform, model, analyze, and manage large datasets.
- Develop and maintain dashboards, and reports to visualize actionable insights to support strategic decision-making
- Identify trends, patterns, and anomalies in data.

- Collaborating with stakeholders to understand data needs and requirements.
- Documenting data analysis processes and methodologies.

ICT Trainer

Elev8 Education Centre Limited [20 Mar 2023 – 19 Mar 2024]

City: Victoria Island, Lagos | Country: Nigeria

- Conduct training-needs analysis and design programs to train students in specialized ICT subjects accordingly.
- Produce and update existing training materials.
- Deliver effective training in the classroom, evaluate and report on students' performance.

Cyber Investigator

Office of the Assistant Inspector General of Police Zone XI Command Headquarters [Dec 2020 – Oct 2021]

City: Osogbo | Country: Nigeria

- Plan and carry out security measures to protect information and data from unauthorised access, deliberate attack, theft and corruption.
- Advise and implement solutions to control access to data and programs.

Volunteer Web Developer

SEARCH FM CAMPUS RADIO, FEDERAL UNIVERSITY OF TECHNOLOGY MINNA [Jun 2016 – Dec 2019]

City: NIGER | Country: Nigeria

- Design and implement web based software application systems.
- Implement and document web-accessible software.
- Plan, coordinate and implement database management systems.

PROJECTS

Realising a Push Button Modality for Video-Based Forensics This project proposes the integration of a forensically sound Push Button Forensic Modality (PBFM) model for the investigation of the MP4 video file format as a step towards automated video forensic investigation. An open-source multimedia forensic tool was developed based on the proposed PBFM model. The outcome can be used as a complementary process for enhancing the evidence admissibility of MP4 video for forensic investigations.

Link: <https://doi.org/10.3390/infrastructures6040054>

EDUCATION AND TRAINING

Cybersecurity Science (B.Tech.)

Federal University of Technology Minna [Dec 2014 – Nov 2019]

City: Minna | Country: Nigeria | Website: <https://www.futminna.edu.ng/>

Computer Software Engineering (N.I.D.)

AfriHUB ICT Institute [Oct 2011 – Jan 2014]

City: Abuja | Country: Nigeria | Website: <https://www.afrihub.com/>

Diploma in Computer Operations

Abuja School of Accountancy and Computer Studies [Feb 2009 – Aug 2009]

City: Abuja | Country: Nigeria | Website: <https://poly.dorben.edu.ng/>

S.S.C.E.

The West African Examinations Council (W.A.E.C.) [2003 – 2008]

Country: Nigeria

LANGUAGE SKILLS

Mother tongue(s): English

HOBBIES AND INTEREST

Interest

- Cybersecurity
- Data Analytics
- Artificial Intelligence
- Web3.0

Hobbies

- Computer Programming
- Learning and Teaching
- Chess Games
- Music

References are provided upon request