

CYNTHIA ABUGA

SOFTWARE DEVELOPER

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WORK EXPERIENCE

Data Science Intern – Revolution Analytics

- Designed and implemented SQL views and procedures to optimize website performance, resulting 45% faster query times.
- Performed SQL database migration and management.
- Developed and maintained data pipelines using SQL workbench.
- Compiled and analyzed data from various sources to streamline financial expenses .

Data Science Intern - iLab Africa

- Data cleaning for small to medium-sized datasets.
- Research skills through proof-of-concept projects.
- Utilized data visualization tools.

Social Media Intern - Mawu Africa

- Maintained social media platforms.
- Product descriptions on the website boosting website traffic by 30%.

CERTIFICATIONS

- Cisco Certified Network Associate Routing and Switching (CCNA)
- Enterprise Networking, Security, and Automation (ENSA)
- Certificate in Computer Applications.

PERSONAL PROJECTS

- Personal website portfolio using react/javascript.
- Won a NASA space apps hackathon challenge.
- Real-time network anomaly detection tool using ML.
- Client-server chat room over AES encryption.
- Established a DNS server and email server.
- Google developer group student volunteer.

INTERESTS

- AI governance and safety
- Adversarial Attacks on LLMs
- Chess
- Novel/Films critiques

EDUCATION

2020-2024 Strathmore University.
BSc Computer networks and Cybersecurity
(GPA: 3.6/4.0)

2020 – 2020 Strathmore University.
Certificate In Computer Applications

2016-2019 Precious Blood Riruta.
Kenya Certificate of Secondary Education
(Mean Grade A-)

SOFTWARE SKILLS

70%
PYTHON, ML/AI

70%
LINUX, AWS

80%
HTML,CSS,MYSQL

SKILLS

- Strong Communication Skills
- Project Management Skills : Jira
- Visualizations Skills : Plotly,Streamlit
- Data Structure and Algorithms

LANGUAGES

- English
- French A2