

PUOCH MABOR MAKUEI

Mukono, Uganda | lomaspuoch502@gmail.com | +256 770 540 948 | github.com/puoch1of1 | LinkedIn

Professional Summary

Detail-oriented Computer Science student specializing in **Cybersecurity and Data Science** with hands-on experience in **IT Support, Networking, Spectrum Monitoring, and Data Quality Assurance**. Skilled in diagnosing systems, automating workflows, and collaborating across teams. Passionate about leveraging technology to strengthen digital infrastructure across Africa.

Education

Uganda Christian University — Bachelor of Science in Computer Science (Cybersecurity Focus)
2023 – Present

Relevant Coursework: Networking, Cybersecurity, Machine Learning, Data Analysis, Software Engineering.

Experience

National Communication Authority (NCA) — IT Support Intern June 2025 – August 2025,
Juba, South Sudan

- Rotated across Cybersecurity, Spectrum Monitoring, Networking, and IT Support under the Directorate of Technical Services.
- Diagnosed and resolved VLAN, Ethernet, and firewall issues, restoring network stability for multiple departments.
- Operated **Scorpion Spectrum Monitoring Software** for signal analysis, interference detection, and field data collection.
- Completed **EC-Council cybersecurity modules** covering network threats, malware analysis, and incident response using Kali Linux and Wireshark.
- Collaborated on the design of a secure enterprise network plan for Eden Commercial Bank using subnetting (VLSM), VLANs, and ACLs.
- Strengthened professional documentation, communication, and teamwork skills within a national regulatory framework.

Statistics Without Borders (SWB) — Deliverable Quality Assurance Volunteer Jan 2025 – Present (Remote)

- Reviewed global datasets and analytical reports for accuracy and compliance with quality assurance standards.
- Collaborated with international teams to validate deliverables supporting open-data and development initiatives.

- Performed hardware diagnostics, OS installations, and maintenance of institutional computer systems.
 - Managed technical documentation and asset logs, improving repair traceability and accountability.
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Projects

Netflix Movie Data Analysis (Python, Pandas, Matplotlib) 2024
Conducted exploratory data analysis on Netflix datasets to identify viewing trends, popular genres, and rating distributions.

Jobseek Platform (React, Tailwind, Express.js) 2024
Developed a collaborative online job-matching platform integrating a React frontend with an Express backend. Used GitHub for version control and teamwork.

Technical Skills

Programming: Python, JavaScript, SQL

Frameworks/Technologies: Flutter, Firebase, Node.js, React, HTML, CSS, Google Maps API

Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn

Databases: MySQL, PostgreSQL, MongoDB

Developer Tools: VS Code, Git, Jupyter Notebook

Specialized Areas: Cybersecurity, Networking, Data Analysis, IT Support

Certifications

- EC-Council – Security Awareness: Network & Application Threats (2025)
 - Commonwealth Bank Cybersecurity Job Simulation (Forage, 2025)
 - CS50 – Introduction to Computer Science (edX)
 - Programming Essentials in Python (Cisco)
 - Data Structures and Algorithms in Python (NPTEL)
 - Machine Learning in Python (IBM Coursera)
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Soft Skills

Problem-Solving • Analytical Thinking • Teamwork • Time Management • Communication • Adaptability • Professional Ethics

Languages

English – Fluent • Luganda – Fluent • Dinka – Intermediate