PAUL CHOLA BWEMBYA MUMBI

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PROFESSIONAL SUMMARY

I am a recent Information Technology graduate from Zambia University of Technology. I have a real passion for Cybersecurity and a "learn-by-doing" attitude. I am naturally curious and truly enjoy figuring things out, whether it is exploring new technologies or finding the truth behind a technical problem. Whether I am competing in a 24-hour team challenge or building my own custom script tools,

I am now seeking an Internship, IT Support, Data Entry, or Junior Cybersecurity role where I can help keep company information safe while continuing to grow as a professional.

EDUCATION

Bachelor of Cyber Security   *Zambia University College Of Technology, October 2025*

Grade 12 School Certificate.   *Chelstone High School, 2014*

CERTIFICATIONS

- Google Cybersecurity Professional v.2.
- Google IT Automation with Python.
- Ethical Hacker Cisco Networking Academy.
- Active Directory Domain Services Microsoft.
- Digital Forensics Belkasoft.
- Access Granted CTF Digital Safe Limited.

PROJECTS

1. [Navigation Application for the Visually Impaired](#)

• Developed a mobile app with real-time object detection using Android Studio and Kotlin. Integrated AI-based computer vision to support navigation.

GitHub:https://github.com/PaulChola/Camera-segmentation-app/.

2. [Automate-Tasks-with-Python.](#)

The script processes the PDF, extracts 755 student records, parses the data into structured columns, creates a professional Excel file, and verifies the results. The process completes in approximately 2.5 seconds. **GitHub:**https://github.com/PaulChola/Cyber-security-Portfolio-Project/tree/main/Google-Cybersecurity-Professional-Portfolio/07-Automate-Cybersecurity-Tasks-with-Python.

3. [Cross-Platform-PowerShell-SQL-Telemetry](#).

This project is designed to **collect critical endpoint telemetry** such as operating system information, authentication events, and system activity from endpoints. Collected data is stored in a **structured SQL database** (SQLite / MariaDB), enabling efficient querying, analysis. **GitHub:**https://github.com/PaulChola/Cross-Platform-PowerShell-SQLTelemetry/tree/main.

EXPERIENCE

Company: *Digital Safe Limited.*   **Sep - 2023**

   Title: Open-Source Intelligence Investigator (OSINT) - Participant

      Competed in Zambia's first HackTheBox CTF as part of a five-member team.
Conducted OSINT investigations under Cybersecurity techniques & teamwork.
Identified and documented potential vulnerabilities, contributing to team
scoring and attack simulations and a strict 24-hour deadline.

Company: *Tusekelele Disabled Club, Kan'gonga Centre.*   **Nov - Dec 2024**

   Title: Project Researcher Navigation Needs Study for the Visually
    Conducted surveys and interviews with visually impaired individuals to identify
mobility and technology adoption challenges. Implemented TensorFlow Lite, Camera X, and
Text-to-Speech to prototype navigation support tools. Provided actionable insights to improve
assistive technology design for local communities.

Company: *Vision Care Opticians*   **Sep - Nov 2017**

   Title: Customer Support Assistant

  Maintained shop environment and assisted customers with basic inquiries.(Early work experience).

ADDITIONAL SKILLS AND TECHNOLOGIES

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Security Ops: EDR, CVE/CWE Management, CVSS Scoring, OWASP Top 10.

Tools: PowerShell,PythonScripting,Firewall Configuration, Vulnerability Remediation**.**

Frameworks: NIST Cybersecurity Framework (800-53, 800-61), PCI-DSS, GDPR, HIPAA