

Shepherd Chidamba

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SUMMARY

Versatile tech professional with a deep Computer Science background skilled in software development, cloud computing, cybersecurity, artificial intelligence and machine learning. Experienced in building secure systems, identifying vulnerabilities and safeguarding digital assets. Passionate about leveraging cutting edge technology to solve complex problems.

EDUCATION

National University of Science and Technology, Bulawayo

Aug 2022 – Aug 2026

Bachelor of Science Honors Degree, Computer Science

Impact Hub, Harare

Nov 2024 – March 2025

Google Cybersecurity Specialist

EXPERIENCE

Simbisa Brands

Nov 2024 - Sept 2025

ICT Intern

OK Zimbabwe

May 2023 – Dec 2025

Junior Quality Control Specialist

PROJECTS

Virtual Fiscalisation Framework

- Developed an open source virtual fiscalisation framework for enhanced compliance and economic inclusion amongst MSME's

Automated Penetration Testing Framework

- Designed a modular framework for automated vulnerability detection

Acrylic Number Plate

- Designed an automatic tollgate system that uses acrylic number plate over aluminum plate.

Crop Doctor System

- Developed a crop germination monitor and deployment web application implemented to foster collaboration with farmers and potential investors.

Savannah Booking System

- Designed a hospitality management system that keeps and records data for bookings.

Patients Record management

- Designed a patients record management system in Java that keeps and records data for patients.

SKILLS

- **Programming & Software Development:** Object Oriented Programming in Python, Java and C++, Web Development: HTML and CSS, Mobile App Development; Dart and Flutter Framework, Software Development: Agile Development and Git version control, Information Security, Cybersecurity, Software Architecture, Backend Development
- **Data, Algorithms & Networking:** Database management and design (SQL), Python for Data Science and Machine Learning, Design and Analysis of Algorithms, Data Communications and Networking, Cloud Computing

- **Cybersecurity & Technical Assessments:** Cybersecurity & Forensics Auditing, Risk assessments, Technical assessments, assets, threat & vulnerabilities, automating cybersecurity tasks with python, open source intelligence, Splunk, Risk Management, threat analysis, vulnerability management, incident response
- **Academic & IT Background:** Computer Engineering, Information Systems Security and Auditing Management, Computer Science, Network Engineering, Data structures and algorithms, Data communications and networking, Computer Architecture

LANGUAGES

- English, Shona, Ndebele

Certifications

- **Google:** Cybersecurity Specialization
- **ArcX:** Cyber Threat Intelligence
- **Google:** Assets, Threats & Vulnerabilities
- **OPSWAT:** Introduction to Critical Infrastructure Protection
- **Red Teams Security:** Certified Cybersecurity Educator Professional (CCEP)
- **Cyber-Institute:** Open-Source Intelligence
- **Google:** Foundations of Cybersecurity
- **Google:** Managing Security Risks
- **Google:** Automating Cybersecurity Tasks with Python
- **Google:** Networks and Network Security
- **Google:** Tools and Trade for Linux & SQL
- **Google:** Detection and Response