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Tasima Hapazari

Objective

Final-year Computer Science student with expertise in Python, SQL, and Java, complemented by a strong foundation in data analysis and cybersecurity. Proven ability to tackle complex problems using large-scale data, with hands-on experience in penetration testing and network analysis. Eager to leverage skills in a dynamic environment like Amazon to drive innovation and improve business performance.

Education

Bachelor of Science in Computer Science and Business Computing

Feb '21 - Present

University of Cape Town

Cape Town, South Africa

- CS1015: Python Development
- CS1016 & CS2001: Data Structures and Development in Java
- CS2002: Parallelism and Concurrency using Java (Fork/Join Framework)
- CS3002: Networking and Structure and Organization of Operating Systems
- CS3003: Advanced Software Design, Theory of Algorithms, Theory of Computation
- INF2006: Business Intelligence Analysis
- PHI2043: Business Ethics
- ACC1006: Introductory Accounting
- BUS1036: Evidence-based Management
- CS2004: Programming Assessment
- INF2009: Systems Analysis
- INF2011: Systems Design and Development
- INF3011: Project Management
- INF3012: Business Process Management and Enterprise Systems
- INF3014: E-commerce systems
- FTX1005: Managerial Finance
- MAM1008: Intro to Discrete Maths
- MAM1004: Introductory Calculus
- STA1000: Introductory Statistics
- PHI1024: Intro to Philosophy

Cambridge O, AS, and A Levels

Feb '14 - Nov '19

Christian Brother's College

Bulawayo, Zimbabwe

- Subjects:

1. Computer Science, Mathematics, Physics (Cambridge A Level)

2. Computer Science, Mathematics, Geography, Physical Science (Chemistry&Physics), English, French, History, Biology, English Literature

- Achieved recognition for Cambridge O Level (5 As)

Professional Development

- Currently building cybersecurity knowledge to enter the field of digital forensics.
- TryHackMe SOC Level 1 Course: Learning the fundamentals of Security Operations Center (SOC) analysis.
- Working through tryhackme 'How the Grinch stole SOC-Mas'.
- Actively exploring penetration testing and enhancing my skills in network analysis using Wireshark and Nmap.

Languages

- English (Fluent)
- Ndebele

Skills

Programming Languages: Python, Java, Ruby, C#, JavaScript, Kotlin

Web Development: Ruby on Rails, HTML, CSS, React, TypeScript, NodeJS, NextJS, Vite, Nginx, Basic AWS knowledge

Databases: MySQL (Intermediate), PostgreSQL, MongoDB (basic), Supabase

Cybersecurity: Pen-testing, CTF practice, working with Wireshark & Nmap, SQL injection, directory traversal

Operating Systems: Linux Fundamentals, Windows Fundamentals, Android App development

Tools: Wireshark, Nmap, exiftool, John The Ripper, Gobuster, SAP, Tableau

Other Skills: Problem Solving, Working with Minimal Supervision, English Proficiency, Working within a team, MIPS Assembly, Business process analysis, Practical Web Development, Frameworks, APIs