VALENTINE .T. GANYAUPFU

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👤 +263 78 618 6358

📍 Harare, Zimbabwe

LANGUAGES

English

Shona

PROFILE

Highly motivated and enthusiastic professional with a diverse skill set in software development, database systems, networking, web development, microprocessors, robotics, AI, and blockchain, among other areas. Recognized for creativity and problem-solving abilities, with multiple national-level innovation awards. Strong communication, project management, time management, and teamwork skills, demonstrating a commitment to excellence and dedication to collaborative success.

EXPERIENCE

Computer Engineering Researcher

Zimbabwe Centre of High Performance Computing   **June 2023- October 2024**

- Assembled hardware and customized the operating system for our supercomputing data center.
- Contributed to the monitoring and design of the data center expansion project, successfully completed in August 2024.
- Developed systems and provided consultancy to government agencies on process automation.
- Coordinated and collaborated on automation projects, including the police biometric system and the agricultural monitoring system for the Ministry of Agriculture.

Hardware Engineer

Broadcasting Authority of Zimbabwe (BAZ)   **Feb 2023- April 2023**

- Assembled equipment for the migration from analog to digital broadcasting technology.
- Assisted in designing installation plans for new equipment and repairs.
- Supervised the assembly process to ensure quality and efficiency.

TECHNICAL SKILLS

- Programming Languages: Proficiency in languages like Python, Java, C++, and JavaScript.
- Software Development: Experience with software development methodologies (e.g., Agile).
- Database Management: Knowledge of SQL and NoSQL databases (e.g., MySQL, MongoDB).
- Operating Systems: Familiarity with Windows, Linux, and Unix environments.
- Networking: Understanding of network protocols, TCP/IP, and networking hardware.
- System Design: Ability to design and implement scalable and efficient systems.
- Embedded Systems: Experience with programming and designing embedded systems.
- Cloud Computing: Knowledge of cloud platforms (e.g., AWS, Azure, Google Cloud).
- Cybersecurity: Understanding of security principles and practices.
- Data Structures and Algorithms: Strong grasp of fundamental data structures and algorithms.

EDUCATION

Bachelor of Science Computer Engineering
Institution: University of Zimbabwe
Year of Graduation: 2025
- *Most innovative project*

Diploma in Contemporary Diplomacy and International Relations
Institution: Zimbabwe Institute of Diplomacy
Year of Graduation: 2025

Certificate in Big Data Analytics
Institution: Zimbabwe Centre of High Performance Computing X HEXCO
Year of Graduation: 2024

Certificate in Project Management
Institution: Google
Year of Graduation: 2024

Advanced Level
Institution: Nkululeko High School
Subjects : Mathematics , Physics, Chemistry, Computer science (17 points)
Year of Graduation: 2021

Ordinary Level
Institution: Hanke Adventist High School
Results : 10 A`S 2B`s
Year of Graduation: 2018

AWARDS

Presidential Innovation Fair Awards
Best Innovation in ICT (September 2024)

BancABC Hackathon
1st runner up Best project (October 2024)

POTRAZ OC1 Ministry of ICT
Best Agriculture project (October 2021)

ZIMCODD Debates
Best Debater (march 2024)

REFERENCE

Engr Makwazvure
Chairperson Engineering Dept
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ZCHPC / Senior Engineer
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A Masiwa
President UZ Debate
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