Allen Sibanda

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PROFILE

2024 Electronics Engineering graduate with a strong academic foundation in analytical problem-solving and technical skills, complemented by hands-on experience in IT support, project management, and data-driven systems. My background in engineering equips me with a solid understanding of technology, attention to detail, and critical thinking, all of which I am eager to apply in industry and corporate world. I aspire to be part of a dynamic and innovative financial institution that values talent, growth, and development

WORK EXPERIENCE

Junior Electrical Engineer intern, Bulawayo City Council
August. 2022 – August 2023

- Prepare technical drawings with AutoCAD, specifications of electrical systems, or topographical maps to ensure that installation and operations conform to standards and customer requirements.
- Conduct or supervise the installation and operation of electrical equipment for Bulawayo City Council facilities
- Write software programs for emergency services radios (Kenwood NX700)
- Confer with engineers, customers, or others to discuss existing or potential engineering projects or products.
- 7.7kVA Solar system maintenance
- Traffic Controller installation and maintenance

IT support, Click'n'Pay. Bulawayo
Dec. 2022 - Present (Part-time)
- Carried out networking of ticketing systems.
- Ticket sales and customer support

HONORS PROJECT (*Real-time Monitoring and Protection System for Water Pipelines*)

Successfully implemented an advanced monitoring system for water pipelines, integrating sensors to track pressure and flow with a real-time alerting dashboard. Additionally, I developed an innovative leak detection algorithm and built a prototype that seamlessly combines sensory data, communication, and dashboard analytics

EDUCATION

National University of Science and Technology, Bulawayo (First Class)
First class Bachelor of Engineering Honours degree in Electronics Engineering (2019 - 2024)

Sciency MakerLabs and HUBiquitous H2020
Certification, IoT and LoRa WAN (May 2024 - June 2024)

Coursera Online
Certification, Introduction to Network Automation (February 2024 - April 2024)

Certification, Supervised Machine Learning: Regression and Classification (December 21, 2023)

Cisco Networking Academy
Certification, Network Addressing and Basic Troubleshooting (July 2023 - August 2023)

Certification, Networking Devices, and Initial Configuration (May 2023 – July 2023)

SKILLS

- Project Management
- Strong proficiency in English
- Advanced computer literacy and IT experience
- Excellent communication, analytical, and reasoning skills
- Build and train AI models for regression and classification
- Linux (bash scripting and server management)
- IT support and troubleshooting
- Microsoft Office
- Database Management (MySQL, PostgreSQL)
- Proficient in Git and GitHub for source control and collaborative development.
- API development in Python + Django REST framework
- Power systems operations and protection
- Networking (CISCO Devices)
- EmbeddedC Programming

REFERENCES

Mr. B Dlodlo – 0776731499
Chairperson, Electronic Engineering Department
National University of Science and Technology, Bulawayo

Eng S.T Zondo - 0772942888
Electrical Engineer
Bulawayo City Council