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Nationality: Zimbabwean

VALENTINE BARSON

Business Information System Undergraduate
Information System Specialist | Engineer | Technician

OBJECTIVE

I am a passionate, hardworking, and dedicated Business Information Systems Undergraduate, committed to integrating the core components of Information Systems—people, software, hardware, data, and procedures—into business frameworks to drive innovation and efficiency. With a particular passion for data management, I excel at organizing, analyzing, and securing data to enable informed decision-making and optimize business operations. I am proficient in IS & IT systems, networking, cybersecurity, and database management, and skilled in developing responsive web applications, designing and troubleshooting complex networks, and managing secure, scalable data systems. Eager to contribute my expertise to a forward-thinking organization, I am driven to enhance digital transformation while continuously advancing in the dynamic field of Information Systems.

WORK EXPERIENCE

JUNE –
AUGUST 2024

Tyncl Technologies | Network & Cybersecurity Intern
(Industrial Attachment) | Gaborone, Botswana

- **Realigned IT strategies** with business goals by collaborating with cross-functional experts to integrate customized information systems solutions, improving productivity and operational efficiency by 20%
- **Optimized network performance** by designing and implementing network infrastructures, monitoring traffic with PRTG and Wireshark, resulting in a 25% reduction in downtime and improved system reliability.
- **Enhanced cybersecurity** by conducting thorough assessments and configuring firewalls, VPNs, and IDS systems, achieving a 50% reduction in external threats to client data.
- **Led the research team**, proposed and introduces a large number of technologies increasing operation efficiency and services offered.
- **Proposed and implemented** an IT research strategy and Power BI for data visualization, improving reporting efficiency by 20% and enabling data-driven decision-making for clients.
- **Streamlined retail operations** by deploying POS systems with integrated enterprise systems, configuring CCTV and access control systems, which increased transaction efficiency by 30%.
- **Introduced virtual support** using software's, providing remote assistance and training clients on troubleshooting techniques, resulting in increased client satisfaction and faster issue resolution.
- **Other related work**, computers, devices hardware and software repair, web development and monitoring of existing website, monitoring social media platforms.

FEB – NOV
2022 2023

Tyncl Technologies | IT Engineer Internship (Part-time) | Gaborone, Botswana

- **Provided ongoing technical support** to clients, troubleshooting and resolving network and system issues, ensuring minimal downtime and maintaining consistent performance.
- **Executed digital and physical marketing strategies** through calls and face-to-face interactions, expanding customer reach by 40% and enhancing client engagement.

EDUCATION

University Of Botswana | Gaborone, Botswana

Bachelor of Information Systems (Business Information Systems)
Date of Completion: May 2025
Expected Graduation: October 2025

Mazowe Boys High School | Mazowe, Zimbabwe

Ordinary Level (O 'Level) Certificate
January 2015 – October 2018
Subjects: Art, Mathematics, English, Shona, Geography, Commerce, History, ICDL (International Computer Driver's License)

PROJECTS

Ministry of Finance Networking Project
Machaneng | Tyncl Technologies Team Project

Under the development team, we successfully installed and configured the networking and security architecture at the Ministry of Finance in Machaneng. This included both physical and cybersecurity solution, including CCTV cameras, access controls, firewares, routers, servers and an intrusion detection system. .

University of Botswana Emergency Alert System Project (UBEAS) | Project 2025
University of Botswana | Gaborone Botswana

Currently working on my final year project UBEAS, system development which features a mobile application for students and staff to report emergencies and a Web based dashboard for relevant admins, with real time GPS tracking and Geo-location as well as other features.

DEC 2023 -
PRESENT

Freelancer | Computer Hardware & Software
Specialist | Gaborone, Botswana

Web development, Networking, Computer Repair,
Data recovery, E-business, IT consulting, ICT & IS
security, Business Process Reengineering, IS &
Tech Research, Troubleshooting & Tech Support,
Enterprise Systems, Training & Development,
Software Installation & Configuration, Smart
Business IT Systems Solution.

TECHNICAL SKILLS

- Programming Languages:** Java, HTML, CSS, JavaScript, PHP, VBA, Dart
- Database Management:** MySQL
- Networking:** Proficient in network design, implementation, and troubleshooting.
- Cybersecurity:** Experienced in conducting security assessments and implementing both physical and digital mitigation measures
- Web Development:** Skilled in creating responsive and secure websites
- Systems Analysis:** Ability to assess and improve information systems for optimal performance
- Technical Documentation:** Proficient in creating clear and comprehensive technical documentation and user manual
- Help Desk Support:** Experienced in providing technical support and troubleshooting for end-users
- Others:** Microsoft Word, Excel, PowerPoint, Access & Graphics Design

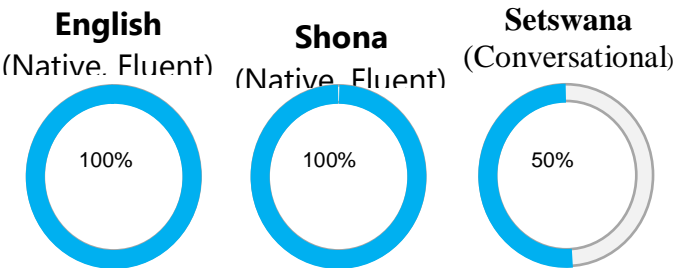
INTERPERSONAL SKILLS

- Disciplined
- Proficient Communication Skills (Verbal & Written)
- Problem-Solving Skills
- Excellent Time Management
- Critical Thinking
- Quickly Adaptive (especially in disruptive environments)
- Innovative & Creativity
- Collaborative & Team member
- Leadership Skills & Highly Confident
- Emotional Intelligence
- Conflict Resolution
- Attention to Detail

HOBBIES & INTEREST

- Music:** Passionate about music; I play brass instruments (Mainly Trumpet) and I'm a choral director /coach.
- Community Service:** A fully committed member Of University of Botswana LEO Omega Club and also contribute to community development projects, particularly in enhancing digital literacy and different technologies
- Research:** Enthusiastic about exploring new technologies and their impact on society, particularly in areas such as artificial intelligence, data analytics, big data etc. and its ethical implications in education.
- Sports:** Participate in team sports such as rugby and cricket, promoting teamwork and physical fitness. Played for UB Rhinos Rugby Club2021 to 2024
- Travel:** Love to travel and explore different cultures, which broadens my perspective and enhances my adaptability in diverse environments.
- Tech Enthusiast:** Stay updated with the latest advancements in technology and enjoy experimenting with new programming languages and software tools.

LANGUAGES



REFERENCES

Available upon request.