

# ZANDY NGHONDZWENI

## Student



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[https://www.linkedin.com/in/erlin-nghondzweni-507b91256?utm\\_source=share&utm\\_campaign=share\\_via&utm\\_content=profile&utm\\_medium=ios\\_app](https://www.linkedin.com/in/erlin-nghondzweni-507b91256?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=ios_app)



<https://erlinnghondzweni.github.io/Virtual-CV/>



<https://github.com/ErlinNghondzweni>

## PROFILE

I am a dedicated and ambitious final-year BSc Information Technology student with a strong passion for technology, innovation, and solving real-world problems. I enjoy learning new tools, building useful solutions, and working with others to bring ideas to life. I thrive in dynamic environments where I can apply my skills in software development, data analysis, and IT support to create practical solutions. I am known for being a hard worker, a great team player, and someone who is always willing to take initiative. I am eager to contribute and grow in the technology industry.

## SKILLS

### TECHNICAL SKILLS

#### Programming Languages:

Python, Java, C++, C#, HTML, CSS, Scratch

#### Tools & Platforms:

Microsoft Excel, Word, PowerPoint, Visual Studio Code (VS Code), NetBeans, Oracle Database, Cisco Packet Tracer

#### Networking Concepts:

Familiar with OSI and TCP/IP models, IP addressing and subnetting, routing and switching, and network topologies. Experienced with network simulation using Cisco Packet Tracer.

### SOFT SKILLS

- Analytical thinker with a strong problem-solving mindset
- Adaptable and composed under pressure
- Clear communicator and collaborative team player
- Proactive, self-motivated, and eager to learn
- Detail-oriented with strong time management skills

## EDUCATION

### MERIDIAN COLLEGE

High School

2016-2020

### NORTH-WEST UNIVERSITY

Bachelor of science in Information Technology

2022- current

## ACADEMIC HIGHLIGHTS AND PROJECTS

### ACADEMIC HIGHLIGHTS

- Invited to Golden Key International Honour Society (2024) for ranking in top 15% of academic performers in Faculty of Natural and Agricultural Sciences.
- Completed core IT coursework including Computer Networks, Web Design, Data Analytics, Systems Analysis & Design, and Information Security, focusing on using technology to manage risk, automate processes, and improve business efficiency.
- Designed and tested software solutions using Java, C++, C#, and Python, emphasizing logic building, debugging, and data structures.
- Applied full Software Development Life Cycle (SDLC) principles in Systems Analysis & Design, including requirements gathering, planning, design, implementation, and documentation.

### PROJECTS AND TRAINING

#### Clinical Decision Support System

Developed a web-based app using C# and SQL to assist healthcare professionals with diagnosis and treatment suggestions. Focused on UI design, validation, and system testing.

#### Student Result Processing System

Created a system for capturing and displaying academic results with CRUD operations, logical flow control, and a user-friendly interface.

#### GirlCode Hackathon (2024)

Participated in a national hackathon solving the Sustainable Development Goals with a tech solution. Gained experience in rapid problem-solving and teamwork.

#### Ongoing Self-Led IT Skills Development

Completed courses in Python scripting, HTML/CSS web design, and Microsoft Excel data analysis to keep skills current.

### LEADERSHIP AND INVOLVEMENT

#### Marketing and PR Portfolio Committee Member – Student Campus Council (SCC)

2023

Planned and coordinated student-focused events while leading campus-wide digital promotion campaigns. Contributed to student engagement through strategic messaging, content creation, and social media planning. Fostered collaboration across student bodies to promote inclusive participation.

#### Team President – Enactus Subcommittee

2024

Assisted the Enactus Team President in leading a tech-enabled community development project focused on entrepreneurship. Played a key role in project planning, coordination, and implementation, ensuring effective delivery and measurable social impact. Promoted innovation and teamwork while addressing real-world challenges in local communities.

#### Active Participant in Technology Events

Regularly attend and engage in technology workshops, webinars, and hackathons to expand my knowledge and stay updated with the latest industry trends.