

# Anamandla Zweni

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Ambitious and dedicated 19-year-old student pursuing a National Diploma in Information Technology with a focus on Software Development and an online Bachelor of Science in Computer Science. Actively engaged in the Applied Data Science Lab program, with hands-on experience in diverse projects using Python and industry-standard tools. Currently a candidate for Harvard Business School's Aspire Leaders Program, contributing to a global community and gaining insights into leadership and technology. Completed a Research Course in Information Science & Technology at the Polytechnic University of Milan, enhancing understanding of the researcher's journey. With a solid foundation in software development and data science, I am poised to contribute to impactful projects and make a positive impact in the tech industry.

## EDUCATION

**Dip I.T (SOFTWARE DEVELOPMENT)**, NELSON MANDELA UNIVERSITY, SA

MARCH 2022 - PRESENT

### **Majors include:**

Software Development, Information Systems, Senior Capstone Project, Systems Analysis & Design, Advanced Design, Project Management, Data Analysis & Machine Learning

### **Awards & Honours:**

NMU Student Merit Award, 2022

**BSc COMPUTER SCIENCE (DATA SCIENCE)**, UNIVERSITY OF THE PEOPLE, USA

SEPTEMBER 2023 - PRESENT

### **Majoring courses include:**

Introduction to Statistics, Programming Fundamentals, Computer Systems, Databases, Big Data, Data Mining & Machine Learning, Artificial Intelligence, College Algebra, Operating Systems, Communications & Networking, Web Programming, Data Structures, Calculus, Discrete Mathematics.

**APPLIED DATA SCIENCE LAB**, WORLDQUANTUNIVERSITY, USA

DECEMBER 2023 – PRESENT

Students delve into practical coding exercises and immerse themselves in real-world datasets. This self-paced course guides students through the completion of eight diverse projects, spanning topics such as analysing housing prices in Mexico to predicting air quality in Kenya. Utilizing publicly available datasets, students have the opportunity to craft substantial portfolio projects, showcasing their data science prowess.

## **ASPIRE LEADERS PROGRAM, ASPIRE INSTITUTE, USA**

JANUARY 2024 – PRESENT

Academic and professional program for low-income and first-in-family college students supported by HarvardX coursework and Harvard University faculty. Selective program with applicants from 100+ countries. Coursework includes certificates in Project Management and Data Analytics.

## **RESEARCH (INFORMATION TECHNOLOGY & SCIENCE), POLYTECHNIC UNIVERSITY OF MILAN, ITALY**

JUNE 2023 – NOVEMBER 2023

This course covers the researcher's journey, including historical evolution, methodology, publication, funding, career progression, and ethical dimensions. It is tailored for students, novice researchers, and mentors, exploring research history, societal impact, effective methodologies, outcomes, professional roles, evaluation processes, and ethical considerations. Focused on Information and Communication Science and Technology, it caters to both aspiring and seasoned researchers, fostering intellectual development and mentoring capabilities. The course is designed for students, beginning researchers, senior researchers, supervisors, mentors, and anyone interested in scientific research.

# **EXPERIENCE**

## **STUDENT ASSISTANT, NELSON MANDELA UNIVERSITY, DEPT. APPLIED TECH**

17 FEBRUARY 2023 – 30 NOVEMBER 2023

Perform administrative tasks required by university staff. Invigilate Examinations. Assist students in computer labs. Liase with students and staff on behalf of the supervising staff member

## **RADIO BROADCASTER, MADIBAZ RADIO**

05 MAY 2023 – PRESENT

Host radio programs. Research & prepare for programs. Interact with an audience. Provide Public Information. Interview Guests.

# **SKILLS**

- Problem Solving
- Critical Thinking
- Project Management
- SQL Server Management Studio
- Interpersonal Communication & Collaborative Leadership
- Flexibility
- Computer Programming (C#, JAVA, Python, HTML5, CSS, JavaScript & SQL)
- Data Analysis & Interpretation
- Mentoring & Teaching
- Portfolio Development

# References

## **Babalo Goba**

iGEMS / Former Facilitator & Mentor  
+41-1521-5420974 (Germany)  
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## **Brenda Paulsen**

Hillside Technical High  
School Interact Club /  
Director  
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## **Liesel Vincent**

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