

Alone Mpitula

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Personal Details

- Date of Birth : 13-01-2002
- Nationality : South African
- Gender : Male
- GitHub : <https://github.com/Mpitula>
- LinkedIn : <https://www.linkedin.com/in/alone-mpitula/>

Professional Summary

Aspiring and driven BSc in Information Technology graduate from North-West University with a solid foundation in computing, I am passionate about leveraging technology to create innovative solutions that address real-world challenges. My academic journey is enhanced by tutoring, projects and collaborative projects. With strong analytical skills, and a commitment to continuous learning, I am dedicated to contributing to the advancement of technology in dynamic and impactful ways.

Experience

Tutor – Mathematics, Physical sciences & Life Science

Ithuteng Extra Lessons, Lawley

August 2020 – January 2021

- I was providing academic support, guidance and encouragement to help secondary school learners excel in their studies and achieve their educational goals.

Student Assistant - STTN 121 (Intro Stat Inference I)

North-West University, Vanderbijlpark

July 2022 – November 2022

- Provided assistance in STTN 121(Intro stat inference I) with script marking, a module focused on statistical inference.

Tutor - MTHS 113 (Basic Mathematical Techniques)

North-West University, Vanderbijlpark

February 2023 – June 2024

- Provided tutoring in MTHS 113, a module focused on increasing the learners ability to handle well knowing and well-tried mathematical technique of calculations.
- Supported first-year IT students with mathematical concepts critical for their academic success and designed tailored lesson plans to address individual learning needs, improving overall comprehension and performance.

Data Capture

North-West University, Vanderbijlpark

July 2024 – November 2024

- I was assisting with capturing and optimising attendance class lists by tutors by cleaning, and displaying it professionally using Microsoft Excel for statistical purpose.
- Collaborated with team members to optimize data collection and management workflow, Captured and process data efficiently, ensuring high levels of accuracy and compliance.

Education

Grade 12 – Matric

Lawley Thuto-Lefa Secondary School, Lawley

Year of Completion: 2019

Bachelor of Science in Information Technology

Major: Computing

North-West University, Vanderbijlpark

Year of Completion: 2024

Assistant skills on the digital age

Alx Africa

Year of Completion: 2024

Key Skills

- **Programming & Development:** C#, C++ , Python, ASP.NET Core, SQL, Java, Linux, Microsoft office.
- **Technology Integration:** Skilled in deploying APIs and software solutions on platforms like Azure, UiPath.
- **Problem-Solving & Strategic Thinking:** Enhanced through IT projects and chess tournament.
- **Leadership & Collaboration:** Active tutor, fostering academic and personal development.

Projects

- **NWU Tech Trends**
Development of a CRUD RESTful API connected to a database and deploying it on azure. Application manage Telemetries (add, delete and update Telemetries)
- **NWU Tech Trends (Telemetry Portal - MVC)**
Web application design to manage CRUD functionality for projects and clients data. The application is built using asp.net core MVC and follows best practices in software design patterns. Application is hosted on azure and connected on the azure SQL database.
- **NWU Tech Trends (Telemetry Portal - User Acceptance Test)**
UiPath project that automate the crude operations on a web application for managing clients and projects using data from an Excel file and updates the Excel file with the results of each operation showing whether it passed or failed.
- **Memberforce System (Collaborative)**
The system aims to enhance security and streamline protocols in educational institutions through features like generating student permits, report misconduct and managing residence visitors using a C# application and my SQL database.

Extracurricular Activities

- **USSA Chess Tournament(2023 & 2024)**
Represented NUW, Honing strategical thinking and analytical skills.

Rferences

Mr. J. Matlhong

Sport Manager, North-West university chess club

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Ms. Dine Du Preez

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Mr. VM. Marumo

Director, Ithuteng Extra Lessons

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