



Ndaedzo Rudzani Brandon Mudau

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Education

Eduvos

Pretoria, GP

Bachelor of science in information technology Software Engineering (Feb 2024 – May 2027)

Higher certification in information systems Software Development (completed Feb 2023 – Nov 2024)

Experience

Cars4Mars

Eduvos

- Developed a Object detection AI using YOLO and Vit pretrain models merging the benefits of both models
- Created a backend and front-end UI to process the images online and view them on the web UI so the raspberry pi has less workload

Junior Full-stack Software Engineer

Plantify

- Develop frontend using next js based on UI design specifications
- Develop emailing backend using Flask and render

Projects

Hangman |C#, Microsoft Access

- Basic C# game of hangman for desktop
- Used shapes to draw the hangman as the game went on
- Store high scores in an access database

FoodHarbor |C#, ASP.NET, Bootstrap, Microsoft SQL Server

- Web application to upload, view, comment on recipes
- Uses basic logins and simple SQL

BuyAlot |C#, Xamarin, SQLite

- Mobile app for e-commerce
- Uses SQLite for database and carts

Technical skills

Languages: HTML, CSS, Python, C#, C++, JS, Java, SQL, Bash

Frameworks: Tailwind, Bootstrap, ASP.NET, Xamarin, React, Node js, NextJs

Developer Tools: SQLite, Git, VS Code, Visual Studio, PyCharm, Jupyter, Spyder, Anaconda, RealVNC, Flutter, OracleVM, Flowgorithm, Cisco Packet Tracer, GNS3, AWS/Google Cloud, Wireshark, Firebase, PostgreSQL, Hugging face, MySQL, SSMS, Microsoft office suite

Libraries: NumPy, Panda, Matplotlib, Cryptographer, Flask, Google request, tts3

Skills: Network security, Windows, Linux, Pentest, SOC, Version control,

Certificates, Honors & Awards:

Golden key international honor society | South Africa – Top performer

Issued by: UNED - Universidad Nacional de Educación a Distancia (Spain)

Issue Date: April 2025



Introduction to cyber security

Issued by: Cisco Networking Academy

Issue Date: April 2025

SQL

Issued by: HackerRank

Issued date: April 2025

SQL Island Certificate

Issued by: Technische Universität Kaiserslautern

Issued Date: March 2025

Top achiever Block 1,3 (2023)

Issued by: Eduvos

Issue Date: June 2023, November 2023

Top achiever Block 2 (2024)

Issues by Eduvos

Issue date: 13 June 2025