

# Mmabaledi Simon Setimela

## Computer Systems engineer

I'm a former mechatronics and industrial instrumentation student at Botswana's international university of science and technology who went on to major in computer systems engineering at Botswana's accountancy collage on an honors program which was in partnership with the university of Sunderland. I may have recently graduated but have over 10+ years working with computers and I did do computer networks and CCNA was part of the module. The Cisco Certified Network Associate course gave me a great understanding of networking protocols such as the Transmission Control Protocol (TCP) which is one of the core protocols and an important communication standard that allows application programs and computing devices to exchange messages over a network. I enjoy working with tech and building hardware, software and systems I've worked with different operating systems mostly windows and i understand how they operate I've even coded a number of programs myself with various programing languages such as python and java. I've not only worked on and with computers but I have experience with other electric equipment's too such as digital and simulated multi-meters and electronic components such as resistors and transistor. I'm familiar with internet safety and security as this was one of the modules I obtained my highest mark in at collage where I worked with a variety of internet applications such as oracle.

I have a very good sense of humor and I'm a great team player. My hobbies include doing puzzles, playing video & board games and when I'm outside tennis and swimming.

## Skill

Experience working with programing languages such as C++, Python, Java, JS and MATLAB

Familiarity with operating systems such as Windows, Linux, and macOS  
Experience with software development tools such as PyCharm, NetBeans, Eclipse, Android Studio, and Visual Studio  
Proficiency in Computer Network concepts such as TCP/IP, routing protocols, and wireless networking (Cisco Certified Network Associate) CCNA

Familiarity with embedded systems and microcontrollers  
Strong analytical and problem-solving skills  
System Installation  
Equipment Maintenance  
Component Replacement  
System Troubleshooting  
Hardware Installation  
Active Listening

## Work history summary

Technician, BCX Ultimate Solutions

Worked at a solutions company called Ultimate Solutions on attachment as an intern fixing laptops, updating, and configuring system software, installing drivers, setting up Ethernet cables, going on site to help cables and help move hardware.

## Education summary

❖ BAC 2020 - 2023

BSc (hons) Computer Systems engineering

❖ BIUST 2016 - 2019

BEng Mechatronics and industrial instrumentation

## Skills List

- Problem solving
- Public speaking
- Customer service
- Leadership
- Teamwork

## Languages

English

Setswana

\*learning French

## Contacts

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## References

Mr. Brien, Chief Technician, Ultimate solutions, +267 75949084

Mr. Tobias, Senior technician, Ultimate solutions, +267 76012083

Mr. Freedmore, AI and MTech Lecturer, Botswana accountancy collage, [freedmores@bac.ac.bw](mailto:freedmores@bac.ac.bw)

## **Projects**

Developed a multi factor authentication system, with a captcha and password strength checker to send an otp to an email for one of my final 4th year projects in Advanced Cyber security. Designed and online streaming platform with Java-script and an SQL database with Myphpadmin on xamp. Implemented a real-time face recognition system using OpenCV and Python for a registration system I developed on a python assignment. Created a mobile application with user interactive components including checklists and recycle view with (Android Studio) for monitoring the purchase of baby products for my 4th year Advanced Mobile Development assignment. I also made a scientific calculator for my second year Mobile Android Development assignment.