SBONGAKONKE SFISO MABASO

BSc Computer Science and Information Technology Graduate

📞 +27 76 017 8522 @ sfisomabaso12242001@gmail.com 🔗 **LinkedIn** 🔗 **Portfolio** 📍 EThekwini/Gauteng
⭐ **Birthdate:** 24/12/2001   **Nationality:** South African **National ID:** 011224 6246 089 **Status:** Single

SUMMARY

Entrepreneurial Computer Science and IT graduate from the University of KwaZulu-Natal, recognized as a Golden Key Society member (top 15% of students). Successfully launched a small business building dog kennels during the COVID-19 pandemic. Skilled in object-oriented programming (Java, C#, C++, Python) and web development using the Microsoft stack (ASP.NET, SQL Server, JavaScript, CSS), with a focus on intuitive application design. Originally from Bergville, I achieved the only A in Life Sciences in my matric year.

EXPERIENCE

General Worker
Farmlee Save
📅 12/2020 - 02/2021 📍 Bergville
General Worker
- Efficiently managed packaging operations, ensuring timely and accurate fulfilment of orders
- Performed thorough cleaning of crates, maintaining high hygiene standards
- Proactively emptied and sanitized dirty bins, contributing to a safe and organized work environment

Demonstrator
University of KwaZulu-Natal
📅 02/2024 - 11/2024 📍 Durban
Demonstrator
- Delivered engaging tutoring sessions on Object-Oriented Programming and Graphical User Interface for second-year students in COMP 200
- Facilitated foundational learning in Java and Object-Oriented Programming for first-year students in COMP 102

EDUCATION

BSc Computer Science and Information Technology
University of KwaZulu-Natal
📅 01/2022 - 11/2024 📍 Durban
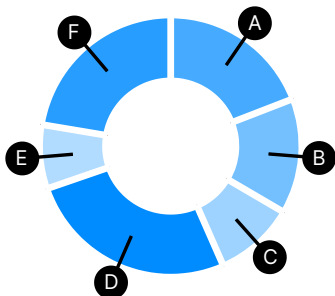- Golden Key Honour Society Member (Top 15%)

Grade 12 (Matric)
Tholithemba High School
📅 01/2015 - 11/2019 📍 Bergville

MY TIME

- Ⓐ Learning Entity Framework APIs
- Ⓑ Power BI
- Ⓒ Web Development
- Ⓓ Microsoft Certification Preparation
- Ⓔ Personal Projects
- Ⓕ Career Development & Job Applications

LANGUAGES

English (FAL)
Proficient ●●●●○

STRENGTHS

</> Programming Languages
C#, C++, Java, ASP.NET Web API, Node JS, Python, Angular6

🖥 Operating Systems
Linux, Windows, OS Installation, Microsoft Office 365

⊞ Reporting and Dashboards
Microsoft SQL, MySQL, Power BI, Crystal Report

🎓 Microsoft Cybersecurity Certification Track
Netcampus Group | In progress, 2024
SC-900, SC-200, and AZ-500

KEY ACHIEVEMENTS

🌐 Web Application for Clinic Management
Led a team to develop a web application for the UKZN Howard Campus Clinic Management System using Agile methodologies

🌐 Customer Management System
Built a customer management system featuring full CRUD functionality using Angular 6 and ASP.NET Web API

📋 Artificial Intelligence Algorithms
Implemented various artificial intelligence algorithms, including search algorithms, genetic algorithms, and neural networks

SKILLS

C/C++ C# Crystal Reports CSS
Data Structures Algorithms Eclipse IDE
RESTful API HTML5 Windows OS
Interface Design Java JavaScript
Linux Commands Microsoft Office 365
Microsoft Power BI Microsoft SQL Server
Microsoft Visual Studio 2022 OOP
Python SMTP SQL .NET Framework
Visual Studio Code Node.js
ASP.NET Web API OOP Principles
Entity Framework Angular6
Assembly Language

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COVER LETTER

Dear Hiring Manager,

I am writing to express my keen interest in the graduate programme opportunity at your esteemed organization. As a BSc Computer Science and Information Technology graduate from the University of KwaZulu-Natal, I am eager to contribute to your team and bring my strong foundation in software development and problem-solving skills to real-world projects.

During my tenure as a Demonstrator at the University of KwaZulu-Natal, I had the invaluable opportunity to lead and mentor first and second-year students in complex topics such as Object-Oriented Programming and Graphical User Interface design. This not only honed my technical expertise but also enhanced my communication skills and ability to adapt teaching methods to suit different learning paces. By focusing on foundational programming languages like Java, I helped cultivate a deep understanding of coding principles in students, which was crucial for their academic progression.

One of my most significant academic projects involved leading a team to develop a web application for the UKZN Howard Campus Clinic Management System. Embracing Agile methodologies, we delivered an effective solution that streamlined clinic operations. Through this experience, I further refined my skills in Angular 6 and ASP.NET Web API. This, coupled with hands-on experience with technologies such as Python and C#, has equipped me with the versatility to tackle diverse technical challenges proficiently.

I am looking forward to the prospect of discussing how my skills, especially in software development and innovative thinking, align with the goals of your team. I am enthusiastic about the possibility of contributing to projects that drive technological advancements and improve organizational efficiencies. Please feel free to contact me to schedule an interview at your convenience.

Sincerely,

Sbongakonke sfiso mabaso

ACADEMIC RECORD

Student Number : 221031671
Surname : Mabaso
First Names : Sbongakonke Sfiso
ID Number : 0112246246089
Date of Birth : 24 December 2001

Course	Course Name	Grade	Credits	Remarks

Bachelor of Science (Approved Qualification)

Bachelor of Science (4-year Augmented)
 2021 Semester One

SCOM101W1	Communication in Science A	65	8	Pass

Weighted Average Percentage for 2021 Semester 1 : 65%

Bachelor of Science (4-year Augmented)
 2021 Semester Two

SCOM102W2	Communication in Science B	65	8	Pass

Weighted Average Percentage for 2021 Semester 2 : 65%

Bachelor of Science (4-year Augmented)
 2021 Year

BIOL195W0	Smaller Side of Life (Augmented)	78	16	Pass
CHEM195W0	General Principles of Chemistry (Augmented)	75	16	Pass
MATH195W0	Introduction to Calculus (Augmented)	75	16	Pass
PHYS195W0	Mech Optics & Thermal Physics (Augmented)	73	16	Pass

Weighted Average Percentage for 2021 : 73%

Bachelor of Science (4-year Augmented)
 2022 Semester One

SIGNED _____

FOR REGISTRAR

09-MAY-2025

Course	Course Name	Grade	Credits	Remarks
COMP100W1	Introduction to Computer Science	65	16	Pass
STAT130W1	Introduction to Statistics	79	16	Pass

Weighted Average Percentage for 2022 Semester 1 : 72%

Bachelor of Science (4-year Augmented)
2022 Semester Two

COMP102W2	Computer Programming	79	16	Pass
ISTN103W2	Development and Applications Fundamentals	72	16	Pass

Weighted Average Percentage for 2022 Semester 2 : 76%

Bachelor of Science (4-year Augmented)
2022 Year

MATH196W0	Calculus and Linear Algebra (Augmented)	75	16	Pass
PHYS196W0	Electromagnetic Waves & Mod Phys (Augmented)	67	16	Pass

Weighted Average Percentage for 2022 : 73%

Bachelor of Science (4-year Augmented)
2023 Semester One

COMP200W1	Object-Oriented Programming	79	16	Pass
ISTN211W1	Systems Analysis and Design	72	16	Pass
MATH236W1	Discrete Mathematics with Applications	69	16	Pass

Weighted Average Percentage for 2023 Semester 1 : 73%

Bachelor of Science (4-year Augmented)
2023 Semester Two

COMP201W2	Data Structures	66	16	Pass
COMP204W2	Computer Organisation and Architecture	47	(16)	Supp Exam Granted
ISTN212W2	Databases and Programming	75	16	Pass

Weighted Average Percentage for 2023 Semester 2 : 63%

SIGNED

FOR REGISTRAR

09-MAY-2025

Course	Course Name	Grade	Credits	Remarks
Bachelor of Science (4-year Augmented)				
2023 Semester Two Supplementary				
COMP204WS2	Computer Organisation and Architecture	62	16	Pass

Weighted Average Percentage for 2023 Semester 2 and Supplementary Exams : 63%

Weighted Average Percentage for 2023 : 71%

Weighted Average Percentage for Qualification : 72%

Bachelor of Science in Computer Science and Information Technology (Approved Qualification)

Course	Course Name	Grade	Credits	Remarks
Bachelor of Science in Computer Science and Information Technology				
2024 Semester One				
COMP313W1	Computer Systems			Exam deferred
COMP315W1	Advanced Programming	63	16	Pass
ISTN3ASW1	Applied Systems Implementation 1	66	16	Pass
ISTN3SAW1	Advanced Systems Analysis and Design			Exam deferred

Weighted Average Percentage for 2024 Semester 1 : 65%

Course	Course Name	Grade	Credits	Remarks
Bachelor of Science in Computer Science and Information Technology				
2024 Semester One Supplementary				
COMP313WS1	Computer Systems	65	16	Pass
ISTN3SAWS1	Advanced Systems Analysis and Design	75	16	Pass

Weighted Average Percentage for 2024 Semester 1 and Supplementary Exams : 67%

Course	Course Name	Grade	Credits	Remarks
Bachelor of Science in Computer Science and Information Technology				
2024 Semester Two				
COMP304W2	Artificial Intelligence	53	16	Pass
COMP314W2	Theory of Computation	37	(16)	Fail
ISTN3NDW2	Networking and Database Management	59	16	Pass
ISTN3SIW2	Applied Systems Implementation 2	66	16	Pass

SIGNED

FOR REGISTRAR

UNIVERSITY OF KWAZULU-NATAL
09-MAY-2025
CENTRAL STUDENT RECORDS

Course	Course Name	Grade	Credits	Remarks
Weighted Average Percentage for 2024 Semester 2 : 54%				

Bachelor of Science in Computer Science and Information Technology
 2024 Special Exam Block 2

Course	Course Name	Grade	Credits	Remarks
COMP314WS4	Theory of Computation	54	16	Pass

Weighted Average Percentage for 2024 : 63%

Weighted Average Percentage for Qualification : 63%

Degree Completed - Bachelor of Science in Computer Science and Information Technology   24-FEB-2025

Year of Completion : 2024   Conferment Date and Time : 15-MAY-2025 10:00
Total credits required for this qualification : 384
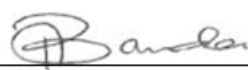
END OF ACADEMIC RECORD

Certificate of Good Conduct
This confirms that the conduct of the above-named student was/is satisfactory during the specified period of study at this institution.

Medium of instruction statement
This is to certify that ENGLISH is the language of instruction in all face-to-face classes, online classes and assessments.

Printed by Zakhe Thulani Mlondo : 09-May-2025 12:03:24 PM

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STATEMENT OF DEGREE COMPLETION
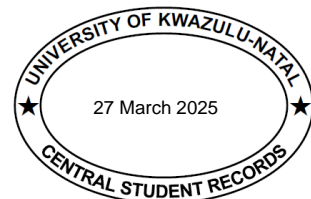
(valid from date of issue until 27 March 2026)

This serves to confirm that

Sbongakonke Sfiso Mabaso
Student Number : 221031671

has completed the academic requirements for the degree of

Bachelor of Science in Computer Science and Information Technology

The degree will be conferred at the graduation ceremony in April 2025.

UNIVERSITY OF KWAZULU-NATAL
★ 27 March 2025 ★
CENTRAL STUDENT RECORDS

**Director(Acting): Student Academic
Administration**