

Data Analyst intern/ Business Analyst intern /SQL developer

0678591815 | ndlangamandlasbongiseni@gmail.com

78 Jeppe Street, Johannesburg 2094

LINKEDLN

[\(2\) Sibongiseni Emmanuel Ndlangamandla | LinkedIn](#)

PORTFOLIO PROJECTS

<https://sibongiseniemmanuel.github.io/sbongiseni.github.io/>

# SIBONGISENI NDLANGAMANDLA

## EDUCATION

---

**BACHELOR OF INFORMATION AND COMMUNICATION TECHNOLOGY** – Durban University of Technology

2019-2022

Majors: Business Intelligence, Software Engineering, Systems Analyst and Design

**NATIONAL SENIOR CERTIFICATES (NSC)** *Enhlanhleni Secondary School*

2011-2016

## CERTIFICATIONS

---

**SQL for Beginners** – Alison (2023)

**Essentials of IT Service Management & Infrastructure Library (Level 4)** – Alison (2023)

**IBM Data Science Professional Certificate (V3)** – Coursera (2024)

**Microsoft Power BI Analyst Professional Certificate** – (In Progress, Coursera)

## TECHNICAL SKILLS

---

### Python

Libraries: pandas, matplotlib, ggplot2, beautifulsoup2, re, os

### Power Bi

Tools: DAX, API, Power Query

### Tableau

Tools: Data Preparation & Connection, Data Visualization & Dashboarding, Data Manipulation & Modeling, Data Manipulation & Modeling, Sharing & Collaboration

### SQL

Software: SQLite, MySQL

### Excel

Tools: Pivot Table, Pivot Chart, VLOOKUP, HLOOKUP, VBA

### AI

Chatgpt

Deepseek

## SOFT SKILLS

---

Strong analytical and problem-solving abilities,

Effective time management and decision-making,

Excellent written and verbal communication, Strong teamwork and leadership skills

## PROJECTS

---

### DATA CLEANING IN SQL (PERSONAL PROJECT)

- applied SQL techniques to clean and transform raw data.
- managed null values, removed duplicates, and standardized text formats to ensure high -quality data for analysis.

### DATA EXPLORATORY ANALYSIS IN SQL (PERSONAL PROJECT)

- analyzed company layoffs using SQL server, examining job cuts across industries, companies, and locations to uncover key patterns.

### AIRBNB FULL PROJECT (PERSONAL PROJECT)

- used tableau to analyze Airbnb listings and uncover trends in pricing, occupancy rates, and host performance.
- created an interactive dashboard that helps investors and hosts make data -driven decisions.

### PROFESSIONAL SURVEY (POWER BI PROJECT)

- analyzed survey data regarding career trends, salary satisfaction, and technology preferences.
- developed an interactive power bi dashboard to visualize key metrics such as salary by job title, happiness with work-life balance, and programming language preferences.

### EXCEL PROJECT (PERSONAL PROJECT)

- cleaned and filtered bike buyer data to calculate key metrics like average income per purchase, customer commute habits, and the number of bike purchases.
- developed an interactive dashboard with slicers and charts for easy data analysis.

### AUTO SALES ANALYSIS DASHBOARD (PYTHON PROJECT)

- conducted comprehensive analysis of automotive sales data to identify trends, forecast demand, and optimize strategies using python data analysis tools.

### CO2 EMISSION IN CARS (PYTHON PROJECT)

- developed machine learning models to predict co2 emissions from cars and analyze environmental impact factors.

### IMMIGRATION TO CANADA ANALYSIS (PYTHON PROJECT)

- analyzed immigration patterns to canada from 1980 to present, identifying trends and demographic shifts using python.

### NBA PERFORMANCE ANALYSIS (PYTHON PROJECT)

- conducted a comprehensive analysis of nba player statistics to evaluate performance metrics, identify trends, and predict player success.

## PROFESSIONAL SUMMARY

---

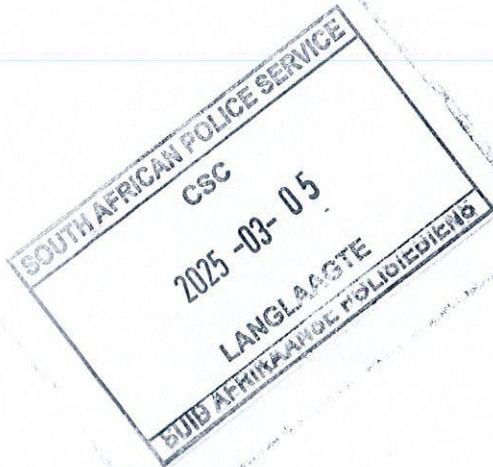
A PROACTIVE B.ICT GRADUATE WITH EXPERTISE IN DATA SCIENCE, SQL, AND PROGRAMMING. PASSIONATE ABOUT LEVERAGING TECHNOLOGY TO DRIVE INNOVATIVE SOLUTIONS. HIGHLY SKILLED IN BOTH INDEPENDENT AND COLLABORATIVE WORK, WITH STRONG COMMUNICATION AND ANALYTICAL ABILITIES.

## REFERENCES

---

**Mr. Q.B Magwanyana** – Tutor, Durban University of Technology | *Email:* 21958936@dut4life.ac.za | *Phone:* 084 032 2367

**Mrs. F.T Khan** – Lecturer, Durban University of Technology | *Email:* mgadi@dut.ac.za | *Phone:* 031 373 5550



DURBAN UNIVERSITY OF TECHNOLOGY  
INYUVEI YASETHEXWINI YEZOBUCHYEPHESHE

This is to certify that the  
Degree of  
Bachelor of  
**INFORMATION AND COMMUNICATIONS  
TECHNOLOGY**

was awarded to  
**SIBONGISENI EMMANUEL NDLANGAMANDLA**

(9709176232087)

with effect from

14 December 2022

at a congregation of the University

Prof Thandwa Z Mthembu  
Vice-Chancellor and Principal

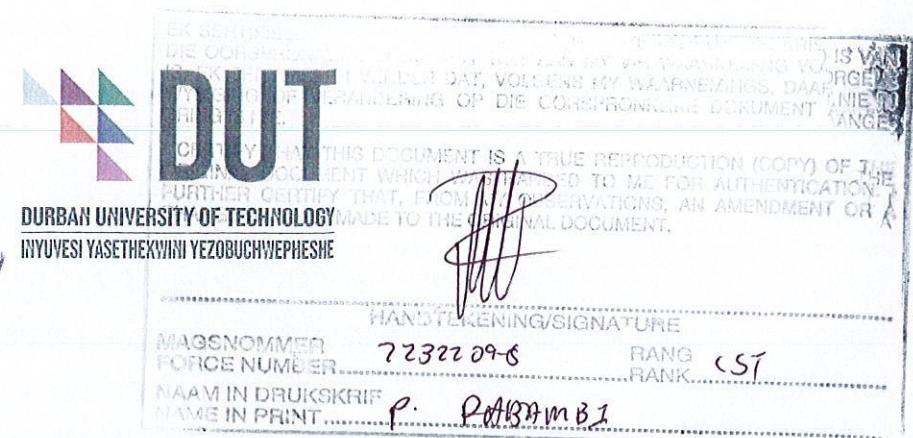
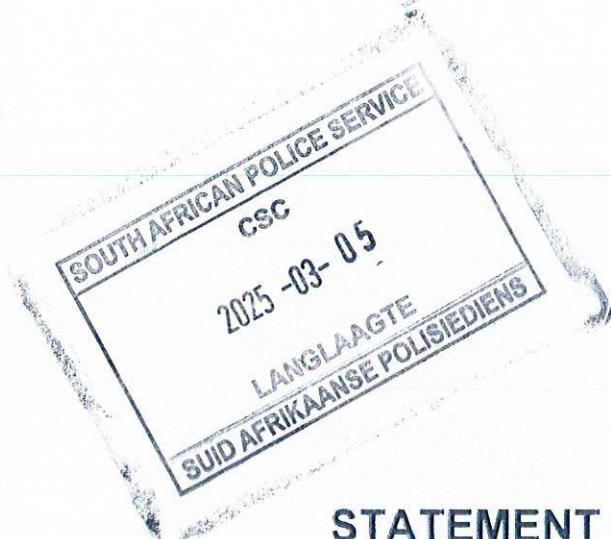
Dr. M J Nkonoane  
Registrar



No:1289\$Z



00080619



## STATEMENT OF EXAMINATION RESULTS

SIBONGISENI EMMANUEL NDLANGAMANDLA

9709176232087

# DEGREE OF BACHELOR OF INFORMATION AND COMMUNICATIONS TECHNOLOGY

which is issued under Certificate No:

1289\$Z

with effect from  
14 December 2022

ALGORITHMS AND DATA STRUCTURES II	61%	Pass
BUSINESS FUNDAMENTALS I	77%	Pass Distinction
BUSINESS FUNDAMENTALS II	79%	Pass Distinction
BUSINESS INTELLIGENCE III	62%	Pass
COMPUTER ORGANISATION AND ARCHITECTURE II	62%	Pass
CORNERSTONE 101	58%	Pass
DISCRETE STRUCTURES	50%	Pass
ENTREPRENEURIAL SPIRIT	93%	Pass Distinction
GRAPHICS III	68%	Pass
INDUSTRY EXPOSURE	61%	Pass
INFORMATION ASSURANCE AND SECURITY II	64%	Pass
INFORMATION MANAGEMENT II	82%	Pass Distinction
INTEGRATIVE PROGRAMMING AND TECHNOLOGY III	64%	Pass
INTERPERSONAL COMMUNICATION AND SELF	66%	Pass
INTRODUCTION TO COMPUTING	56%	Pass
LAW FOR LIFE	51%	Pass

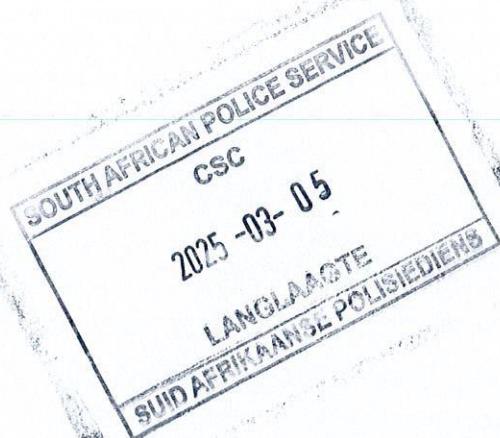
continued on next page...

\*\*\*\*\*

131783



00143056



## STATEMENT OF EXAMINATION RESULTS

**SIBONGISENI EMMANUEL NDLANGAMANDLA**

9709176232087

### DEGREE OF BACHELOR OF INFORMATION AND COMMUNICATIONS TECHNOLOGY

which is issued under Certificate No:

1289\$Z

with effect from  
14 December 2022

continued...

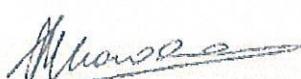
MATHEMATICS FOR COMPUTING IA  
MATHEMATICS FOR COMPUTING IB  
NETWORKS AND OPERATING SYSTEMS II  
ORGANISATIONAL BEHAVIOUR II  
PLATFORM BASED DEVELOPMENT III  
PROGRAMMING LANGUAGES II  
PROJECT IIIA  
PROJECT IIIB  
SOCIAL AND PROFESSIONAL ISSUES III  
SOFTWARE DEVELOPMENT FUNDAMENTALS  
SOFTWARE ENGINEERING III  
SYSTEMS ANALYSIS AND DESIGN II  
SYSTEMS FUNDAMENTALS

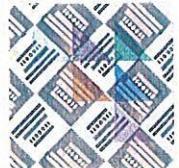
66%	Pass
62%	Pass
58%	Pass
77%	Pass Distinction
71%	Pass
69%	Pass
50%	Pass
56%	Pass
72%	Pass
77%	Pass Distinction
60%	Pass
75%	Pass Distinction
58%	Pass

04 May 2023

Date

131783

  
Dr. M J Nkonoane  
Registrar



00143057



# Replacement National Senior Certificate

Issued to

SIBONGISENI EMMANUEL NDLANGAMANDLA

Identity number 9709176232087

Exam number 5161125060084

**Subject**

IsiZulu Home Language  
English First Additional Language  
Mathematics  
Life Orientation  
Agricultural Science  
Life Sciences  
Physical Sciences

**Achievement**

<b>level</b>
6
4
4
6
5
5
5
*

<b>%</b>
71
57
52
71
68
67
67
***

*CST*  
7232209-0  
P. P. BAMBANI

This candidate is awarded the National Senior Certificate and has met the minimum requirements for admission to bachelor's degree, diploma or higher certificate study as gazetted for admission to higher education, subject to the admission requirements of the higher education institution concerned.

With effect from December 2016

*M. S. LAKOMETSI*

Chief Executive Officer

250 0736 5626 B



This certificate is issued without alterations or erasure of any kind



**UMALUSI**



Council for Quality Assurance in  
General and Further Education and Training  
South Africa

5836660

(See reverse for more information)



# IBM Data Science Professional Certificate (V3)

ISSUED TO

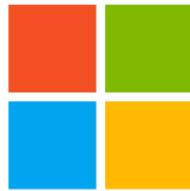
Sibongiseni Emmanuel Ndlangamandla



Issued on: 21 NOV 2024

Issued by: Coursera | Authorized by: IBM

Verify: <https://www.credly.com/go/JsXlimeT>



# Microsoft

Jan 31, 2025

## Sibongiseni Ndlangamandla

has successfully completed

### Preparing Data for Analysis with Microsoft Excel

an online non-credit course authorized by Microsoft and offered through Coursera

*Marni Baker-Stein*

---

Marni Baker-Stein,  
Chief Content Officer

COURSE  
CERTIFICATE



Verify at:  
<https://coursera.org/verify/I05TW4EOC7IW>

Coursera has confirmed the identity of this individual and  
their participation in the course.



## CERTIFICATE

**Sibongiseni Ndlangamandla**

has received this award for successfully  
completing the course:

**SQL for Beginners**



To verify:  
5560-37721819

Date of Award

*Maeve Richardson*

Director of Certification