

Lungile Njakazi



73 Verity Avenue, Woodlands,
4004

078 856 9263

lnlungile02@gmail.com

Information Technology Intern

Recent graduate with a BSc in Information Technology and currently completing a BSc Hons in Computing, looking to leverage my experience in completing an internship programme to bridge the gap between my theory and work experience.

EXPERIENCE

Deviare Skills programme

December 2020 - February 2021

Data Engineering

- Introduction to Data Analytics
- Data Science with R
- Data Science with Python
- Tableau Training

SHORT COURSES

- IEEE Cloud Security (23 April 2020)
- **Charles Sturt University**
2020
Introductory Certificate in Business Analysis

HOBBIES

Reading
Jogging
Indoor exercising
Crossword puzzles and cognitive improving games

BASIC SKILLS

- C++
- PHP
- HTML/
CSS
- Python
- SQL
- R Studio
- Excel
- Visual Basic

EDUCATION

University of South Africa

Bsc Hons in Computing

February 2020 - February 2022
(in progress)

University of South Africa

NDip Electrical Engineering (Computer Systems)

(Incomplete)

Richfield Graduate Institute of Technology

B.S. in Information Technology

February 2014 - December 2018

New Forest High School

Matric

2007 -2011

Main Campus
292 Anton Lembede Street
Durban, 4001, South Africa
Private Bag X2
Umhlanga Rocks, 432



RICHFIELD

GRADUATE INSTITUTE OF TECHNOLOGY

We Certify that

LUNGILE MINENHLE NJAKAZI

(IDENTITY NO : 931109-0336-084)

has complied with the requirements for the

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

(SAQA ID 35954: NQF 7: 380 CREDITS)

(DISTANCE EDUCATION)

during the **2018** *academic year*

Richfield Graduate Institute of Technology (Pty) Ltd which was previously known as PC Training & BUSINESS COLLEGE (Pty) Ltd is registered with the Department of Higher Education and Training as a Private Higher Education Institution under the Higher Education Act, 1997, Registration Certificate No.2000/HE07/008. In addition, its qualifications are accredited by the Council on Higher Education and registered on the National Qualifications Framework by the South African Qualifications Authority.

Student Reference: HIT/02/03/DL 82027 / 202

Place of Issue: DURBAN

**Campus: Durban Main Campus
292 Anton Lembede Street**

Date of Issue: 17th Day of April 2019



CERTIFIED A TRUE COPY OF THE ORIGINAL

NAME: *Phucan SHB*

DESIGNATION: *Principal Clerk*

DATE: *2019-07-30*

COMMISSIONER OF OATHS
EX OFFICIO
ETHEKWINI MUNICIPALITY

IN TERMS OF SECTION 6 OF ACT 15 OF 2005
REGIONAL CENTRES UNIT, PIKETOWN

[Signature]
Dean of Faculty

[Signature]
Chief Academic Officer



Richfield Graduate Institute of Technology (Pty)Ltd
Reg No. : 2000/000752/07

RICHFIELD

GRADUATE INSTITUTE OF TECHNOLOGY

Corporate Office
3rd Floor, West Palm
4 on Palm Boulevard, Umhlanga Rocks
Private Bag X23
Umhlanga Rocks, 4320
Tel : +27 31 304 9340
Fax : +27 31 306 7936
Email: cfo@richfield.ac.za
www.rgit.co.za

ACADEMIC RECORD

Student Name : Miss Lungile Minenhle Njakazi


Student ID No : 9311090336084

Student No : 82027

Campus : MLA_Durban

Date of Issue : 16 August 2019

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (SAQA ID: 35954, NQF LEVEL: 7, CREDITS 375)					
SEMESTER 1 YEAR 2014			SEMESTER 2 YEAR 2014		
	MODULES	%		MODULES	%
1.	Commercial Programming 611	90	1.	Commercial Programming 612	63
2.	E-Commerce 511	84	2.	E-Commerce 512	64
3.	Information Systems 511	87	3.	Information Systems 512	78
4.	Mathematics 511	71	4.	Mathematics 512	67
5.	Networks Engineering 611	81	5.	Networks Engineering 612	55
6.	Web Technology 611	84	6.	Web Technology 612	54
SEMESTER 3 YEAR 2015			SEMESTER 4 YEAR 2015		
	MODULES	%		MODULES	%
1.	Computer Architecture 600	54	1.	Database Systems 622	61
2.	Database Systems 621	64	2.	Information Systems 622	52
3.	Information Systems 621	66	3.	Internet Programming 622	66
4.	Internet Programming 621	53	4.	Management Information Systems 600	73
5.	Programming 621	71	5.	Programming 622	51
SEMESTER 5 YEAR 2018			SEMESTER 6 YEAR 2018		
	MODULES	%		MODULES	%
1.	Elective: Artificial Intelligence 700	74	1.	Elective: Data Warehousing and Mining 700	59
2.	IT Project Management 700	63	2.	Programming 732	69
3.	Computer Security 700	64	3.	Elective: Programming 742	85
4.	Programming 731	71	4.	IT Project 700	78
5.	Elective: Programming 741	73	5.	Research Methodology 800	69
6.	Software Engineering Management 700	73	6.	Work Integrated Learning 700	70


Dr M. Kooblal
Chief Academic Officer

Directors : J. Ramundlall [B.Comm (UNISA), MBA (UDW), SAIPA] | R. Jugernath [B.Com (UDW), B.Compt Hons.(UNISA), CA (SA)] | S. Premchund [BSc Hons. (UDW)]

Richfield Graduate Institute of Technology (Pty)Ltd, is registered with the Department of Higher Education & Training as a Private Higher Education Institution under the Higher Education Act, 1997, Registration Certificate No. 2000/HE07/008 & as a Private Further Education College under the Further Education & Training Act, 2006, Registration Certificate No. 2008/FE07/050

Student number: 5705-310-3
Date: 2019-07-27

NJAKAZI L M MISS
73 VERITY AVENUE
DURBAN
4001

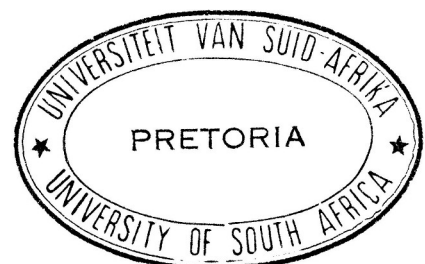
Dear Student

As requested, a statement is attached.

Yours faithfully

Dr F Goolam

Registrar



Student number: 5705-310-3
Date: 2019-07-27

This is to certify that

LUNGILE MINENHLE NJAKAZI

Identity Number :9311090336084
Date of Birth :1993-11-09

passed the university examinations in the undermentioned study units for which credit has been granted in partial completion of the

National Diploma: Engineering: Electrical

NQF exit level: 6
Minimum credits required: 360

YEAR MONTH	CODE	NAME OF STUDY UNIT	%	NQF LEVEL	CREDITS
2016 JUN	ENN103F	English for Academic Purposes	72	5	12
2015 OCT	EUP1501	Ethical Information and Communication Technologies for Development Solutions	55	5	12
2015 NOV	ICT1531	Workstation Technical Skills	56	5	12
2015 OCT	MAT1581	Mathematics I (Engineering)	51	5	12
2016 JUN	ECT1501	Electronics I (Theory)	50	5	9
2016 MAY	ELE1501	Electrical Engineering I (Theory)	61	5	9
2017 MAY	DIG1501	Digital Systems I (Theory)	50	5	9
2017 OCT	DIGPRA1	Digital Systems I (Practical)	66	5	3
2017 OCT	ECTPRA1	Electronics I (Practical)	50	5	3
2017 OCT	ELEPRA1	* Electrical Engineering I (Practical)	75	5	3
2017 OCT	ICT1512	Introduction to Interactive Programming	59	5	12
2017 OCT	ICT1513	Introduction to Web Design	70	5	12
2017 MAY	ICT1532	Network Technical Skills	67	5	12
2017 OCT	ICT1541	Business Informatics I	66	5	12
2018 JUN	COS1511	Introduction to Programming I	69	5	12
2018 OCT	DIGPRA2	Digital Systems II (Practical)	70	6	1
2018 NOV	ICT2612	Interactive Programming	63	6	12
2018 NOV	ICT2613	Internet Programming	53	6	12
2019 MAY	ICT2631	* Operating Systems Practice	88	6	12
2018 OCT	ICT3611	* Advanced Graphical user Interface Programming	80	6	12
2018 JUN	MAT2691	Mathematics II (Engineering)	52	6	12

* Passed with distinction

Total credits accumulated: 205

Major subject(s):

This qualification is not completed.

Yours faithfully



Registrar



Purpose statement of modules passed

This is to certify that the purpose statement of the modules offered comprises the following:

COS1511 - Introduction to Programming I

To provide students with an introduction to programming and to cover the fundamentals of control structures, problem-solving techniques, and the incremental testing of programs.

DIG1501 - Digital Systems I (Theory)

The decimal number systems; binary number systems; representation of signed numbers; binary arithmetic using complements; octal number systems; hexadecimal number system; digital codes.

DIGPRA1 - Digital Systems I (Practical)

The decimal number systems; binary number systems; representation of signed numbers; binary arithmetic using complements; octal number systems; hexadecimal number system; digital codes.

DIGPRA2 - Digital Systems II (Practical)

Integrated circuit technologies; Flip-flops and related devices; counters; shift registers; memories and programmable devices; system interfacing; the microchip PIC16C micro-controller.

ECT1501 - Electronics I (Theory)

SI units; Ohm's law; resistors, network Theorems, capacitors, inductors and transformers; alternating current; atom theory; PN semiconductors; semi-conductor theory; Rectifier theory; Power supplies; PN junction transistor; transistor circuits; Power amplification; operational amplifiers; electric measurements.

ECTPRA1 - Electronics I (Practical)

SI units; Ohm's law; resistors, network Theorems, capacitors, inductors and transformers; alternating current; atom theory; PN semiconductors; semi-conductor theory; Rectifier theory; Power supplies; PN junction transistor; transistor circuits; Power amplification; operational amplifiers; electric measurements.

ELE1501 - Electrical Engineering I (Theory)

International system of measurement, Introduction to electric systems; simple dc circuits; capacitance and capacitors; electromagnetism; simple magnetic circuits; inductance in a direct current circuit; alternating voltage and current; single phase series circuits; batteries.

ELEPRA1 - Electrical Engineering I (Practical)

International system of measurement, Introduction to electric systems; simple dc circuits; capacitance and capacitors; electromagnetism; simple magnetic circuits; inductance in a direct current circuit; alternating voltage and current; single phase series circuits; batteries.



ENN103F - English for Academic Purposes

To enable students to gain a background in English grammar and usage, to develop an ability to read texts critically with comprehension and insight, and to acquire skills in reading and writing at tertiary level.

EUP1501 - Ethical Information and Communication Technologies for Development Solutions

Students who successfully complete this module will be able to present critical arguments around ICTs for development, while appreciating ethical dimensions within an information society in relation to copyright and intellectual property rights, privacy, conduct and expectations. In addition, successful students will be able to demonstrate their ability to maintain efficient, organised and secure electronic working environments by managing digital files, systems and application software, as well as capabilities related to engaging with textual and numerical data to present information in various formats.

ICT1512 - Introduction to Interactive Programming

Qualified students will be able to develop a working computer based program, with the knowledge, skills and values needed to add interactive functionality to the program through structured object-oriented programming, use logical programming skills to develop an introductory program, extend their knowledge by adding interactivity to websites through object-oriented programming, to design and develop programs using industry process systems and organizational information systems that conforms to specific standards that are user-friendly and robust, solution specific and to the satisfaction of the client and think conceptually to recognize the design rules and techniques and components in order to develop a solution. Students must have access to a computer for a minimum of 5 hours per week and access to the internet for a minimum of 2 hours per week. All supporting material are available online. All formative assessments are done online only. It is highly recommended that you complete the modules ICT1511 - Introduction to Programming and ICT1513 - Introduction to Web Design before attempting this module.

ICT1513 - Introduction to Web Design

Qualified students will be able to design, develop and maintain graphical user interfaces, critically evaluate a graphical user interface based on values that conform to internationally accepted, ethical and esthetical stands and design values, increase the quality standards of a graphical user interface, analyse the client's needs and design and develop a graphical user interface to specific standards of being well-designed, portable, accessible, clearly-presented, cost-effective, re-usable, reliable, timeous and robust and analyse a given situation or scenario, which is the client's needs, provide design solutions, develop, evaluate and improve web-sites. Students must have access to a computer for a minimum of 5 hours per week and access to the internet for a minimum of 2 hours per week. All supporting material are available online. All formative assessments are done online only. It is highly recommended that this module, ICT1513 (Introduction to Web Design) is completed BEFORE the module ICT1512 (Introduction to Interactive Programming) is attempted.

ICT1531 - Workstation Technical Skills

To provide students with the basic knowledge, skills and values needed to install, support and maintain software products and systems.

ICT1532 - Network Technical Skills

To provide students with the basic knowledge, skills and values needed to install, support and maintain network products and systems.

ICT1541 - Business Informatics I

To provide a novice business analyst with an introduction to basic information communication technology systems concepts. The student will be able to analyse the components of an ICT system, and describe the flow of information in an organization.



ICT2612 - Interactive Programming

To enable an intermediate level programmer to design, develop and maintain appropriate multimedia solutions that meet the needs of clients in a changing environment.

ICT2613 - Internet Programming

To enable an intermediate level web developer to design, develop and maintain appropriate web-based solutions that meet the needs of clients in a changing environment.

ICT2631 - Operating Systems Practice

To enable an intermediate level operating systems administrator to select an appropriate operating system, and to install, customize and maintain systems software to meet specifications.

ICT3611 - Advanced Graphical user Interface Programming

To enable a programmer to analyse, design, implement and maintain advanced graphical user interfaces for business software systems.

MAT1581 - Mathematics I (Engineering)

Algebra; trigonometry; calculus; complex numbers; co-ordinate geometry; analytic geometry; matrices; determinants.

MAT2691 - Mathematics II (Engineering)

Differentiation: partial differentiation, series; integration solutions of first-order differential equations; numerical methods; statistics.





CERTIFICATE OF COMPLETION

This is to certify that

Lungile Minenhle Njakazi

has completed

Cloud Security

23 April 2020

0.3 Continuing Education Units, 3 Professional Development Hours

A handwritten signature in blue ink, reading 'Stephen M. Phillips'.

Stephen Phillips, Vice President, IEEE Educational Activities



CEU

IEEE CONTINUING EDUCATION

New York State Sponsor Number 117
Florida Provider Number 0003849

CERTIFIED A TRUE COPY OF THE ORIGINAL
 NAME: N. P. Mkhwanazi
 DESIGNATION: PRINCIPAL CLERK
 DATE: 26/04/2019
 COMMISSIONER OF OATHS
 EX - OFFICIO
 ETHEKWINI MUNICIPALITY
 IN TERMS OF SECTION 6 OF ACT 107 OF 1998
 REGIONAL CENTRE UMLAZI



ETHEKWINI MUNICIPALITY
 Sizakala Customer Service Unit

2019 -04- 26

UMLAZI MEGA CITY
 50 Griffiths Mxenge Highway, Umlazi
 TEL: 031 311 5200

National Senior Certificate

Awarded to

Lungile Minenhle Njakazi

Identity number 9311090336084

Subject

Achievement level

English Home Language	86
IsiZulu First Additional Language	93
Mathematics	69
Life Orientation	83
Dramatic Arts	91
Life Sciences	80
Physical Sciences	75
+ Mathematics: probability, data handling & geometry	35

*

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 2011

M. S. LAKOMETSI

Chief Executive Officer

This certificate is issued without alterations or erasure of any kind

120 8731 3921 K



UMALUSI



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

2741738

(See reverse for more information)

GEREGISTREERDE WOON- EN POSADRES

1. Bewaar die bewys van u GEREGETREERDE WOON- EN POSADRES in hierdie sakke.

2. Indien u van adres verander het of indien besonderhede van u huidige adres, by straatnaam en of nommer, ens., verander het, moet die vorm KENNISGEWING VAN ADRESVERANDERING, wat in die sakke agter in die identiteitsdokument is, gebruik word om die verandering aan te meld en moet dit inoedien word by of geos word aan die naaste streek- distrikkantoor van die DEPARTEMENT VAN SINNELANDSE SAKKE.

REGISTERED RESIDENTIAL AND POSTAL ADDRESS

1. Keep the proof of your REGISTERED RESIDENTIAL AND POSTAL ADDRESS in this pocket.

2. If you have changed your address, or if particulars of your present address, e.g. name of street and/or street number, etc., have been changed, the NOTICE OF CHANGE OF ADDRESS form in the pocket at the back of the identity document must be used to report the change and it must be handed in, or posted to the nearest regional district office of the DEPARTMENT OF HOME AFFAIRS.

I.D.No. 931109 0336 08 4



S.A. BURGER/S.A. CITIZEN

VAN/SURNAME

NJAKAZI

VOORNAME/FORENAMES

LUNGILE MINENHLE

GEBORTEDISTRIK OF LAND/
DISTRICT OR COUNTRY OF BIRTH

SOUTH AFRICA

GEBORTE DATUM/
DATE OF BIRTH

1993-11-09



DATUM UITGEREIK
DATE ISSUED

2010-05-04

DIENREIN OF WESAG VAN DIE
DIREKTEUR-GENERAAL
SINNELANDSE SAKKE

ISSUED BY AUTHORITY OF THE
DIRECTOR-GENERAL:
HOME AFFAIRS

ETHEKWINI MUNICIPALITY

Sizakala Customer Service Unit

2019 -08- 06

UMLAZI MEGA CITY

50 Griffiths Mxenge Highway, Umlazi

TEL: 031 311 5200

CERTIFIED A TRUE COPY OF THE ORIGINAL

NAME: Nokulunga Ntuli

DESIGNATION: Principal Clerk

DATE: 2019/08/06

COMMISSIONER OF OATHS

EX OFFICIO

ETHEKWINI MUNICIPALITY

IN TERMS OF SECTION 6 OF ACT 16 OF 1983
REGIONAL CENTRES UNIT, PINETOWN



NEW FOREST HIGH SCHOOL

P O Box 53194
Yellowwood Park
4011

Testimonial 2011

Tel : 031-462 6206
Fax : 031-469 1816

E-Mail : principal@nfhs.co.za
Website : www.nfhs.co.za

LEARNER : **LUNGILE MINENHLE NJAKAZI** GRADE : **Grade 12**

YEAR OF ENROLMENT : **2007** DATE OF BIRTH : **09/11/1993**
YEAR OF LEAVING : **2011** IDENTITY NO. : **931109 0336 08 4**

DAYS ABSENT (2011) : **11**

SUBJECTS : English Home Language
Zulu Add Language
Life Orientation
Mathematics
Dramatic Arts
Life Sciences
Physical Science
Mathematics Paper 3

ACADEMIC PROGRESS : Lungile is a pleasant, hard working young lady who has achieved some very pleasing results.

ACADEMIC ACHIEVEMENTS : Certificate of Merit - 70-79% 2008, Certificate of Merit - 70-79% 2008, English Olympiad - Silver 2011, Half Colours - Academics 75-79% 2011, Junior Achievement 2009, Life Sciences Olympiad - Certificate of Achievement 2010, Maths Olympiad - Round 1 2009, Physical Science Olympiad 2009

EXTRA-MURAL INVOLVEMENT : Art Club 2009, Cross Country 2010, Dance Sport - Intermediate 2007, Dramatic Production 2009, Dramatic Production 2010, Durban Youth Council 2010, Hockey - 1st Team (Girls) 2010, Hockey - 1st Team (Girls) 2011, Hockey - U14 Girls 2007, Hockey - U16 2008, Hockey - U16 2009, Indoor Hockey - 1st Team 2011, Indoor Hockey - U14 2007, Indoor Hockey - U16 2008, Soccer - 1st Team (Girls) 2010, Soccer - U14 (Girls) Team 2007, Soccer - U16 (Girls) Team 2008, Soccer - U16 (Girls) Team 2009, Tennis - Social 2007, Toastmasters 2010, Zenex 2010

EXTRA-MURAL ACHIEVEMENTS : Athletics - School Team 2009, Cross Country - Certificate of Merit 2010, Dramatics - Certificate of Merit 2010, Athletics - Represented Durban South Ward 2011, Athletics - Certificate of Merit 2011, Indoor Hockey - Certificate of Merit 2011

LEADERSHIP ROLES : Duty Monitor (7-11/09/2009), Prefect, RCL - Chairperson, Rep. Council of Learners, Rep. Council of Learners

GENERAL COMMENTS :

Lungile is a well-mannered young lady who is well liked by her peers and educators. She is a well presented learner who takes pride in her appearance. Lungile has demonstrated commitment and leadership whilst carrying out her duties as a Prefect and member of the Learner Representative Council. We wish her well for the future.

C Pet
Principal

9 December 2011

