

MOSES MHLWANA

mosesmhlwana@gmail.com | +27 66 395 4880

Personal Information

First Name	:	Moses.
Last Name	:	Mhlwana.
Date of Birth	:	01/01/1999.
Nationality	:	South African.
Gender	:	Male.
spoken Languages	:	English, IsiXhosa, Sepedi, Isizulu.
Email Address	:	mosesmhlwana@gmail.com
Phone number	:	+27 66 395 4880
Physical Address	:	26 Johannes Manyabile str Pretoria, Saulsville 0125

Profile:

Enthusiastic IT/Computer Systems graduate with a variety of skills and experience, providing IT & IOT expertise and advice in the design, creation, development, testing, implementation documentation of new and enhanced applications and systems in accordance with agreed framework of programming standards. I always produce logical and technical specifications from functional specifications, write code, compile, test and implement applications in compliance with system development life cycle(SDLC). Great interpersonal and leadership skills, work well in teams/groups and also just by myself.

Education

Tshwane University of Technology

Feb 2018 - Apr 2022

N.Diploma in IT(Intelligent Industrial Systems/Computer Systems)

- **Focus Area:** Software Development, IOT, Technical Support, Electronics programming, and Tech learning programs mentor.

Extra-curricular Activities

- **GKSS Chairperson:**

Jan 2019 - July 2021

As the Geekulcha Student Society chairperson, my role with the team was to find ways we could bridge the gap between industries and ICT students, and then find a way to execute the ideas as a team. We managed to connect the students on campus with a variety of companies like Squidnet, Geekulcha, The Business Clinic, AWS, RedBull(redbull basement) and organizations.

- **Google Developer Student Club TUT chairperson:**

June 2019 - June 2020

Google Developers program for university students, designed to help students build their mobile and web development skills and knowledge. It is open to any student, ranging from novice developers who are just starting, to advanced developers who want to further their skills.

- **Lab assistant:**

June 2019 - July 2021

My role was to help students with their projects and help them with chapters they need clarification

Skills

Programming Languages: C++, C, Java, php, JavaScript, PLC, Assembly, C# , HTML & CSS, SQL..

Technologies & FrameWorks: Laravel, Node.JS, Raspberry-pi, Node-Red, Embarcadero, MySQL, Postgresql, AWS, Bash, Git, Nginx, firebase, Arduino, MSO.

Soft Skills: Interpersonal skills, Teamwork, leadership skills.

Professional Experience

Geekulcha

Gauteng, Pretoria

Systems Engineer - Enterprise Systems, Network, Digital Learning, IoT solutions, Security, & DPC.

Oct 2020 – Jan 2023

- Built office servers on a Raspberry-pi.
- Built an Enterprise office temperature and humidity monitoring system, integrated with a waiting room assistant screen.
- Built a reimbursement and grocery system for enterprise.
- Built an Enterprise working portal, that allows all enterprise communications, and files sharing to be all done on the platform.
- Built a check-in and registration system for a government event(CPSI awards 2022).
- built a smart egg incubator.
- Built an irrigation system prototype..
- Hosted, Mentored, and facilitated Hackathons organized by the company.
- Mentored and lectured on Vacworks, a program by the company, with an objective to educate and engage high school students on the 4th IR technologies and how it can be used to start business.

Department of Home Affairs

Gauteng, Pretoria

Indexer- Digitalization indexer

Jan 2023 – Present

- Responsible for the digitalization of home affairs 3.5 million records.

Features and links

[LinkedIn](#)

[Geekulcha article profile](#)

[Department of water and sanitation](#)

[Times Live article about my system prototype](#)

[Expresso NEWS.](#)

References

Mixo Ngoveni : Geekulcha CEO

mixo@geekulcha.com |

Patrick : TUT lecturer

patrick@tut.ac.za | +27 82 7874 248

Tiyani Nghonyama : Geekulcha COO

tiyani@geekulcha.com

Jacob Mphahlele : Vulingqondo digital labs CEO

jacob@vulingqondodl.com

REPUBLIC OF SOUTH AFRICA
NATIONAL IDENTITY CARD

Surname: **MHLWANA**
 Names: **MOSES AVIWE**
 Sex: **M**
 Nationality: **RSA**
 Identity Number: **9901015781001**
 Date of Birth: **01 JAN 1999**
 Country of Birth: **RSA**
 Status: **CITIZEN**

id

Signature

SOUTH AFRICAN POLICE SERVICE
 CSC
2022 -11- 24
 SOSHANGUVE
SOUTH AFRICAN POLICE SERVICE

BY SIGNING THIS DOCUMENT I HEREBY CERTIFY THAT I AM THE TRUE AND CORRECT IDENTIFICATION DOCUMENT OF THE PERSON WHOSE NAME AND IDENTITY NUMBER ARE INDICATED ON THE DOCUMENT AND THAT I HAVE NOT MADE ANY CHANGE TO THE ORIGINAL DOCUMENT.

I CERTIFY THAT THIS DOCUMENT IS A TRUE REPRODUCTION (COPY) OF THE ORIGINAL DOCUMENT WHICH WAS HANDLED TO ME FOR AUTHENTICATION. I FURTHER CERTIFY THAT, FROM MY OBSERVATIONS, AN AMENDMENT OR A CHANGE WAS NOT MADE TO THE ORIGINAL DOCUMENT.

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03 MAR 2022

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118486943

Barcode



Tshwane University of Technology

We empower people

NATIONAL DIPLOMA

INFORMATION TECHNOLOGY
(INTELLIGENT INDUSTRIAL SYSTEMS)

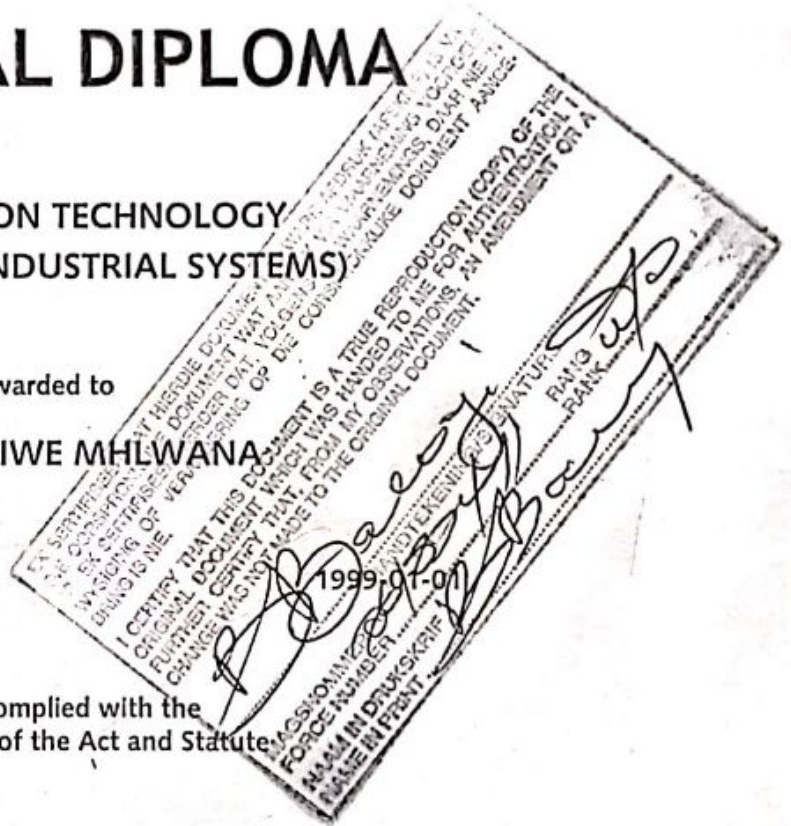
Awarded to


MOSES AVIWE MHLWANA

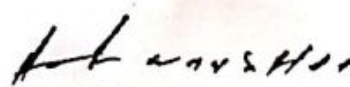
Having complied with the
Requirements of the Act and Statute

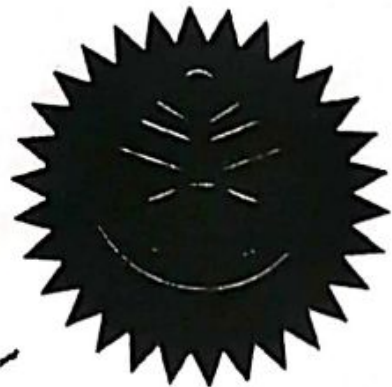
2022-04-01

ND125564




Vice-Chancellor and Principal
On behalf of Council and Senate


Registrar



Tshwane University of Technology, formerly known as Technikon North-West, Technikon Northern Gauteng or Technikon Pretoria.



Certificate of Completion:

This is to certify that

Mhlwana MA

successfully completed the

DHA: Digitisation of Records Induction Programme

Presented from: 2023-01-26 to 2023-02-10



Digitisation Project Manager
JA Gerber



Director: Learning Provisioning
ND Mohoboko



home affairs

Department:
Home Affairs
REPUBLIC OF SOUTH AFRICA

we care!

HACK4 WATER

CERTIFICATE

awarded to

Moses Mhlwana

**Hack4Water Winner
2016**

in the category:

STUDENT YOUTH & SCHOOL



Mrs. Ndimvula Mokonyane
Minister: Department of Water and Sanitation

Water is Life - Sanitation is Dignity



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Open
Government
Partnership



GEEKULCHA />

Certificate of Appreciation

GKSS 2019 Awards Nominee

This certificate recognizes and honours the efforts in driving and supporting the work of the Geekulcha Student Society which seeks to build Innovation and Tech Leadership on campus and society.

Certificate Awarded To:

Mr Moses Mhlwana, GKSS-TUT



A handwritten signature in black ink, appearing to be 'Mixo Ngoveni'.

Geekulcha CEO, Mixo Ngoveni

29/18/2019

Date

GEEKULCHA>

Certificate of Completion

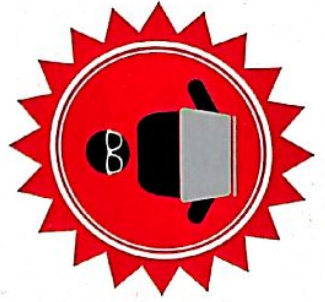
Geekulcha Vacation Work Program

This certificate serves as a recognition of attendance to the Geekulcha academic vacation work program. It is hereby on record that this candidate is a certified future GeekStar and has been awarded to:

Moses Mhlwana



Geekulcha CEO, Mixo Ngoveni



10-04-2015

Date

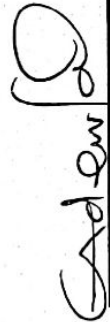


Certificate of acknowledgement

This certificate is awarded to

MHLWANA MOSES AVIWE

for successfully participating and exuding
excellent leadership skills in EWBSA_TUT chapter programmes.


Prof P A PIUS

Computer system engineering HOD



Mr V Memani
Section head: programming
Department of computer Science



Ms R MAKHUBELA
EWB_TUT Chairperson