

Chomba Sikazwe  
B1 161 Wusakile,

Kitwe, Zambia  
19<sup>th</sup>, September 2025.

The Training Superintendent  
First Quantum Minerals  
PO BOX 110385.  
Solwezi, Zambia

Dear Sir/Madam

I am writing to express my interest in securing an internship opportunity with First Quantum Minerals. As a Computer Science student at Mulungushi University who has just completed my academics, I am eager to gain practical industry experience and apply my academic knowledge in real-world projects.

Through my coursework and personal projects, I have built a strong foundation in software development, databases (MySQL and MongoDB), IoT systems, and network support. I have successfully designed and deployed solutions such as an IoT-based Electrical Current Monitoring System and an Inventory Management Web Application. Additionally, my internship with the ICT Department at Mulungushi University provided me hands-on exposure in network configuration, system support, and digital inventory management.

I am particularly impressed by First Quantum Minerals commitment to innovation and would value the opportunity to contribute while learning from your team of professionals. I am confident that my technical background, coupled with my adaptability and eagerness to learn, make me a strong candidate for this internship.

I welcome the chance to discuss how my skills and academic training align with your internship program. Please find my resume, Mulungushi University transcript for all the courses I accomplished and Grade twelve (12) results attached for your review.

Thank you for your consideration.

Sincerely,  
Chomba Sikazwe

Email: [kambole520@yahoo.com](mailto:kambole520@yahoo.com) | Phone: +260 965226263 / +260 9727134

**RESUME**

# Chomba Sikazwe

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Address: B1 161 Wusakile, Kitwe, Zambia

Email: [kambole520@yahoo.com](mailto:kambole520@yahoo.com) | Phone: +260 965226263 / +260 9727134

LinkedIn: [www.linkedin.com/in/chomba-sikazwe-b6719a285](https://www.linkedin.com/in/chomba-sikazwe-b6719a285) | GitHub:  
<https://github.com/Kambole21>

## Professional Summary

Detail-oriented and innovative Computer Science graduate with strong skills in software development, Network Documentation and Support, Machine Learning | Deep Learning Models, Databases (MySQL and MongoDB) and IoT systems. Experienced in building fullstack web applications, developing embedded systems, and working with cloud-based solutions. Passionate about solving complex problems using technology and learning emerging tools.

## Skills

- Programming Languages: Python, C#, JavaScript, HTML/CSS, SQL, React
- Frameworks & Tools: Flask, Tailwind CSS, Node.js, Bootstrap 5
- Databases: SQL, MySQL & MongoDB
- IoT & Embedded Systems: ESP32, Arduino, MQTT, WebSockets
- Other Skills: Git/GitHub, Data Visualization, Machine Learning Basics

## Education

Bachelor of Science in Computer Science — Mulungushi University (2021 – 2025 Expected)  
Relevant coursework: Data Structures & Algorithms, Operating Systems (Linux), Web Development, Database Systems, Artificial Intelligence, Computer Networks.

## Projects

- IoT Electrical Current Counter System (ESP32 + Flask + MongoDB)

Designed and implemented a real-time current monitoring solution for multiple rooms.

Integrated WebSocket communication between microcontrollers and web dashboard.  
Stored historical readings in MongoDB and built analytics charts.

- Inventory Management Web App (Python Flask + Bootstrap + MongoDB) Developed CRUD functionalities for tracking equipment levels and generating reports. Integrated authentication and role-based access.
- Machine Learning Student Performance Predictor (Python, Pandas, Scikit-learn) Created a predictive model for student grades using dataset analysis. Achieved 85% accuracy after model tuning.

## Work Experience

Intern — Network Support and System Support | Mulungushi University (ICT Department)

Jun 2025 – Aug 2024

- Built an inventory system for personal skill and making the system more digital for the institution.
- Configured Access Points and set up a network around the institution.
- Attending to IT support and attending to ict equipments

## Certifications

- HCIA-IoT V3.0 — Huawei (2025)
- HCIA-AI — Huawei (2024)
- Network Support And Documentation — CISCO Skills

## MULUNGUSHI TRANSCRIPT



Mulungushi University  
ACADEMIC OFFICE

Tel: +260 215 228004  
Email: [academic@mu.ac.zm](mailto:academic@mu.ac.zm)

Great North Road  
P.O. Box 80415  
Plot 1347/M  
Kabwe, Zambia



This is to certify that: **Chomba Sikazwe** Student No.: **202108044**  
was a registered student of **Mulungushi University**  
studying: **Bachelor of Science in Computer Science** in the **School of Engineering and Technology (SET)** from the academic session:  
**2021.**

His/her academic performance was as follows:

### 2021/2022

COURSE	COURSE NAME	GRADE
BIO111	Bio-molecules and Cells	B
CHE111	Introductory Chemistry	C
MSM111	Mathematical Methods I	C
PHY101	Fundamentals of Physics	C

### 2021/2022

COURSE	COURSE NAME	GRADE
BIO112	Molecular Biology and Genetics	C
BMG101	Ethics and Sustainable Behaviour in Society	B
CHE112	Introductory Chemistry II	C
MSM112	Mathematical Methods II	C
PHY102	Introductory Physics II	C

  
p8 **Manager (Academic Affairs)**

A key to understanding of the grades is on the last page of this statement

Date: 05/08/25





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Transcript for Student No.: **202108044** - Continued

**2022/2023**

COURSE	COURSE NAME	GRADE
ICT201	Discrete Mathematics	C
ICT221	Computer Architecture	B
ICT241	Digital Design	B+
ICT261	Introduction to Object Oriented Programming and JAVA	C
ICT271	Databases	B+

**2022/2023**

COURSE	COURSE NAME	GRADE
ICT202	Data Structures and Algorithms	C
ICT222	Operating Systems	B
ICT242	Networking and Communication	C
ICT262	Intermediate Java Programming	B
ICT292	Computers, Professional Practice and Ethics	B

  
**Manager (Academic Affairs)**

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Transcript for Student No.: 202108044 - Continued

**2023/2024**

COURSE	COURSE NAME	GRADE
ICT341	Computer Security	C+
ICT351	Theory of Computation	B
ICT361	Mobile Application programming	B+
ICT372	Advanced Databases	B
ICT381	Modelling and System Design	B+

**2023/2024**

COURSE	COURSE NAME	GRADE
ICT312	Fundamentals of Compilers	C+
ICT352	Artificial Intelligence and prolog	A
ICT362	Computer Graphics	C+
ICT382	Software Engineering	B+
ICT442	Advanced Security	B

  
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Transcript for Student No.: 202108044 - Continued

**2024/2025**

COURSE	COURSE NAME
ICT401	Numerical Analysis
ICT411	Cloud Computing
ICT431	Capstone Project (Proposal and Presentation)
ICT461	Web Systems and Technology
ICT481	ICT Project Management

**GRADE**

B+  
A  
P  
C+  
A

**2024/2025**

COURSE	COURSE NAME
ICT402	Statistics and Empirical Methods for Computing
ICT412	Entrepreneurship and Innovation
ICT422	Internet of Things
ICT432	Capstone Project (Research Paper)
ICT462	Human-Computer Interaction

**GRADE**

B  
B+  
A  
A  
B

  
Manager (Academic Affairs)

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Transcript for Student No.: **202108044** - Continued

He will be awarded the specified degree upon completion of studies

  
**Manager (Academic Affairs)**

**A key to understanding of the grades is on the last page of this statement**

Date: 05/08/25

## Key to Understanding Grades

### Pass Grades

A+	Distinction
A	Distinction
B+	Meritorious
B	Credit
C+	Clear Pass
C	Bare Pass
S	Satisfactory, Pass in a Practical Course or Oral Examinations
P	Pass in a Supplementary Examination or Pass in a Practical Course





## GRADE TWELVE (12) RESULTS

EXAMINATIONS COUNCIL OF ZAMBIA  
SCHOOL CERTIFICATE EXAMINATION  
CANDIDATE : 1550470282 - SIKAZWE CHOMBA  
CENTRE : 4005 - CHADIZA SECONDARY SCHOOL  
EXAMINATION YEAR : 2019

### STATEMENT OF RESULTS

3873426

SUBJECT	GRADE	STANDARD
1 ENGLISH LANGUAGE	TWO	DISTINCTION
2 CIVIC EDUCATION	THREE	MERIT
2 GEOGRAPHY	FOUR	MERIT
4 MATHEMATICS	ONE	DISTINCTION
4 ADDITIONAL MATHEMATICS	THREE	MERIT
5 PHYSICS	THREE	MERIT
5 CHEMISTRY	SIX	CREDIT
5 BIOLOGY	THREE	MERIT

NUMBER OF SUBJECTS RECORDED : 8

NUMBER OF SUBJECTS PASSED : 8

CERTIFICATE RESULT : SCHOOL CERTIFICATE

THIS STATEMENT OF RESULTS IS NOT A CERTIFICATE. THE EXAMINATIONS COUNCIL OF ZAMBIA RESERVES THE RIGHT TO CORRECT THE INFORMATION GIVEN ON STATEMENTS OF RESULTS WHICH WILL BE CONFIRMED BY THE ISSUANCE OF A CERTIFICATE. FOR VERIFICATION CONTACT THE EXAMINATIONS COUNCIL OF ZAMBIA.

Zambian School Certificate and GCE		
Grade	Range	Standard
One	75% - 100%	Distinction
Two	70% - 74%	Distinction
Three	65% - 69%	Merit
Four	60% - 64%	Merit
Five	55% - 59%	Credit
Six	50% - 54%	Credit
Seven	45% - 49%	Satisfactory
Eight	40% - 44%	Satisfactory
Nine	35% - 39%	Unsatisfactory

## CERTIFICATIONS



TALENT  
ONLINE

华为人才在线  
HUAWEI TALENT ONLINE

## 结课证书

COURSE CERTIFICATE

Chomba Sikazwe

祝贺您在华为人才在线顺利完成学习并通过了考核  
Successfully completed and received a passing grade in

HCIA-IoT V3.0 Course

发证日期: 2025-06-07  
Date of issue:

部长  
Director



华为ICT战略与Marketing ICT人才伙伴发展部  
ICT Talent Partner Development Dept, Huawei ICT Strategy & Marketing Dept



华为人才在线官网

证书编号/Certificate Code: EBG20250607000038

注: 本证书仅证明通过该课程学习考核, 不代表通过华为认证相关考试。  
Note: This certificate proves that you have passed the course assessment. It does not represent the Huawei certification of the relevant technology domain.