

# Chanda M. Chimfwembe

## Computer Science Graduate

### Personal details

Name	Chanda M. Chimfwembe
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Phone number	+260 979 466 069
Address	Plot Number 17933, 24 <sup>th</sup> Street Libala, Lusaka
Date of birth	June 22, 1999
Place of birth	Lusaka, Zambia.
Gender	Male
Nationality	Zambian
Civil status	Unmarried
Website	<a href="https://chanda-m-chimfwembe.netlify.app/">https://chanda-m-chimfwembe.netlify.app/</a>
Linked-in	<a href="https://www.linkedin.com/in/chanda-m-chimfwembe-931a57291/">linkedin.com/in/chanda-m-chimfwembe-931a57291/</a>
GitHub	<a href="https://github.com/ChandaMC">https://github.com/ChandaMC</a>



### Education

Jan 2004 - Nov 2005	<b>Preschool (early childhood education)</b> <b>Little Angels Pre School, Lusaka</b> Little Angels Pre School is owned by the Catholic Council of Churches Located in the Lusaka Mtendere area.
Feb 2006 - Nov 2012	<b>Elementary School</b> <b>Nalituwe Primary School, Livingstone</b> Did my elementary school at Nalituwe Primary School, started my grade one, and sat for my grade 7 examination in 2012 and got goods.
Feb 2013 - Oct 2014	<b>Middle School</b> <b>Nalituwe Secondary School, Livingstone</b> Did my middle school at Nalituwe Sec School, and sat for my grade 9 examination in 2014 and got goods.
Feb 2015 - Nov 2017	<b>High School</b> <b>Hillcrest National Technical High School, Livingstone</b> Did my high school at Hillcrest National Technical High Sch. and sat for my senior examination in 2017 and got grades.
Sept 2020 - June 2024	<b>University</b> <b>Mulungushi University, Kabwe</b> Recently graduated with a Bachelor's degree in Computer Science, awaiting graduation in November.

# Employment

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Dec 2017 - June 2020

## **Assistance & Typist**

### **Rehoboth Computers - Mr. Erry Sifaya, Livingstone**

Worked at Rehoboth Computers as an assistant, typist, etc.  
Mr. Erry Sifaya +260 976 403 036

#### **Job Description:**

As an Assistant and Typist at Rehoboth Computers, I was responsible for providing administrative and technical support, handling various office tasks, and assisting with IT-related duties.

#### **Key Responsibilities:**

1. **Typing and Documentation:** Preparing, formatting, and proofreading documents, reports, and correspondences for clients and internal use.
2. **Customer Assistance:** Providing first-level support to customers regarding inquiries, assisting with troubleshooting, and managing appointments.
3. **Administrative Support:** Handling filing, record keeping, and data entry, ensuring smooth operations in the office.
4. **Computer Maintenance:** Assisting in basic IT tasks such as setting up hardware, installing software, and performing routine maintenance checks.
5. **Inventory Management:** Assisting with tracking and managing inventory of office supplies, computer hardware, and other resources.
6. **Communication:** Liaising with clients, answering phone calls, and handling client communication via email or in person.

#### **Skills Developed:**

- Proficiency in Microsoft Office Suite (Word, Excel, etc.)
- Strong typing and data entry skills
- Basic IT troubleshooting and hardware setup
- Strong communication and customer service skills
- Organizational and time management skills

June 2023 - December 2023

## **Software Developer Intern**

### **ZCAS University - Mr. Sokoimba (Systems Administrator)**

Worked at ZCAS University as a Software Developer intern  
Mr. Sokoimba +260 979 401 419

#### **Software Developer Intern & Student Support Officer**

- Developed and implemented software systems to enhance operational efficiency and support academic success.
- Provided administrative support as a Student Support Officer, assisting students with various academic inquiries and concerns.
- Collaborated with cross-functional teams to identify and address technical challenges, ensuring seamless integration of systems.

- Conducted workshops and training sessions to educate students and staff on software applications and tools.
- Assisted in the planning and execution of university events, including orientations, seminars, and workshops.

#### **Consulting Project for INDO Zambia BANK**

- Led a consulting project for INDO Zambia BANK, overseeing the hiring process for 800+ applicants.
- Conducted comprehensive interviews and administered aptitude tests to assess candidate suitability.
- Collaborated closely with INDO Zambia BANK stakeholders to gather and analyse specific hiring requirements, offering tailored recommendations.
- Played a pivotal role in the successful selection and on-boarding of new employees, contributing to the bank's workforce optimization.

Oct 2024 - Present

#### **Junior Systems Administrator | IT Support Officer - Intern**

#### **Madison Life General Insurance - Mr. Hernz Chona (Senior Systems Administrator)**

Worked at Madison Life General Insurance as a Junior Systems Administrator | IT Support Officer  
Mr. Hernz Chona +260 974 003 537

#### **Job Description:**

As a Junior Systems Administrator and IT Support Intern at Madison Life General Insurance, I am responsible for maintaining system performance, supporting network reliability, and providing first-level IT support. My role involves overseeing user access, managing system troubleshooting, and assisting with hardware setups and software installations. Additionally, I handle administrative support tasks, ensuring smooth office operations and effective communication with clients and team members.

#### **Responsibilities:**

- **Systems Administration:** Conducted routine maintenance, monitored system performance, managed user access, and performed troubleshooting to ensure uninterrupted operations.
- **Technical Support:** Delivered first-level IT support, addressing and resolving technical issues to minimize downtime and enhance productivity.
- **Network and Hardware Management:** Supported network reliability by assisting in hardware setups, performing software installations, and conducting routine hardware inspections.
- **Documentation and Reporting:** Prepared, reviewed, and maintained accurate records of IT activities, including system reports, troubleshooting logs, and configuration changes.
- **Resource Management:** Managed inventory for office

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supplies and IT resources, ensuring availability and proper tracking of hardware and software assets.

- Client and Internal Communication: Handled client inquiries, scheduled appointments, and provided consistent support through email, phone, and in-person communications.

### **Skills Developed:**

- Microsoft Office Suite Proficiency: Skilled in Word, Excel, and other productivity tools for efficient documentation and reporting.
- Advanced IT Troubleshooting & Hardware Configuration: Expertise in diagnosing technical issues, performing hardware setups, and maintaining system reliability.
- Documentation & Data Management: Strong ability to create, maintain, and organize technical records and system documentation.
- Effective Communication & Customer Service: Excellent in supporting end-users, handling inquiries, and providing clear technical guidance.
- Organizational & Time Management: Capable of managing multiple tasks, maintaining equipment inventory, and ensuring timely completion of support requests.

## Skills

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Java Programming	Good
Python Programming	Very Good
Javascript Programming	Good
PHP Programming	Good
Front-end Technologies (HTML, CSS)	Very Good
Frame Works Technologies (Spring boot & Django)	Moderate
Microsoft Word	Very good
Microsoft Excel	Moderate
Software Engineering	Moderate

## Frameworks

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Django (Python)	Good
Laravel (PHP)	Moderate
Spring-boot (Java)	Good

## Projects

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|---|--|
| <b>1. ASSET MANAGEMENT SYSTEM FOR ZEGA Ltd.</b> | <b>PHP and JavaScript (Server side), HTML, CSS and JavaScript (Client side) and MySQL (Database Management System)</b> |
|---|--|

*This system was developed using PHP and JavaScript on the server side, and HTML, CSS, and JavaScript on the client side, with MySQL as the database management system. It helps ZEGA Ltd. manage their assets efficiently by tracking asset location, maintenance schedules, and asset lifecycles. The system allows for streamlined asset auditing, ensuring better organization and reducing the chances of asset mismanagement.*

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|---|---|
| <b>2. ROAD DAMAGE DETECTION SYSTEM USING MACHINE LEARNING</b> | <b>Java (Mobile App), Python (Machine Learning)</b> |
|---|---|

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*This award-winning project leverages machine learning algorithms in Python to detect road damage from images. A mobile application, developed using Java, allows users to capture and upload images of roads, which are then analyzed by the machine learning model to classify and predict various types of road damage. The system aims to improve road maintenance and safety by providing early detection of issues.*

### 3. E-COMMERCE WEBSITE FOR APPLE SELLS (COURSE WORK)

**PHP and JavaScript (Server side), HTML, CSS and JavaScript (Client side) and MySQL (Database Management System)**

*An e-commerce platform developed for selling Apple products, utilizing PHP and JavaScript on the server side, and HTML, CSS, and JavaScript on the client side, with MySQL as the database. The website includes features like product browsing, shopping cart, and order management. This project was created as part of your coursework to demonstrate proficiency in full-stack web development.*

### 4. WEB APP WEATHER APPLICATION

**PHP for handling API requests, Pure HTML5, CSS3 and Javascript.**

*This weather application was built using PHP and JavaScript on the server side, and HTML, CSS, and JavaScript on the client side, with MySQL handling data storage. It fetches and displays real-time weather data for various locations, allowing users to search for weather conditions worldwide. The app can be accessed online at [\[weatherbit-weather-app.tiiny.io\]](http://weatherbit-weather-app.tiiny.io)*

## Languages

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English	Very good
Bemba	Fluent
Nyanja	Fluent

## Hobbies

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- ☒ Fishing
- ☒ Programming
- ☒ Watching Documentaries
- ☒ Swimming
- ☒ Reading

## Profile

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I am an aspiring computer scientist who is truthful, ambitious, open-minded, and hardworking. I'm committed to attaining the greatest results with the least amount of supervision. In addition, I am a social and strong team player who welcomes the opportunity to work with people from all backgrounds. I am always eager to modify and adapt to new situations. I am now working on a bachelor's degree in computer science as well as an online certificate in Python and Java programming, and an introduction to Android development.

## Internships

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June 2023 - December 2023

**Software Developer Intern**  
**ZCAS University - Mr. Soko Zimba (Systems Administrator)**  
Mr. Zimba Soko +260 979 401 419

## References

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**Mr. Anita M. Shandele**  
**Hillcrest National Technical High School,**  
**Livingstone**  
+260 977 712 423, [anitashandele@gmail.com](mailto:anitashandele@gmail.com)

**Mr. Erry Sifaya**  
**Rehoboth Computers,**  
**Livingstone**  
+260 976 403 036, [errysifaya@gmail.com](mailto:errysifaya@gmail.com)

**Mr. Soko Zimba**  
**ZCAS University,**  
**Lusaka**  
+260 979 401 419, [soka.zimba@zcasu.edu.zm](mailto:soka.zimba@zcasu.edu.zm)

**Dr. Mwenge Mulenga**  
**Mulungushi University,**  
**Kabwe**  
+260 767 762 901, [mmulenga@gmail.com](mailto:mmulenga@gmail.com)

**Dr. George Mukupa**  
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## Courses

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Present	<b>Introduction to Python Programming</b> Doing my Introduction to Android Mobile Development at Coursera.
Present	<b>Introduction to Android Development</b> Doing my introduction to Android Mobile Development at Coursera.
Present	<b>Bachelor of Science in Computer Science</b> Currently Pursuing a Bachelor's degree in Computer Science at MulungushiUniversity

## Certificates

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Feb 2014	<b>Junior Final Examination Full Certificate</b>
Oct 2017	<b>Senior Examination Full Certificate</b>
June 2023	<b>Introduction to Python Programming</b>
June 2023	<b>Introduction to Android Development</b>
June 2024	<b>Bachelor of Science in Computer Science</b>

## Achievements

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Most Outstanding non-boarding student.	2015 -2017
Best Student in Mathematics in High School.	2015 -2017

## Extracurricular activities

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Feb 2018 - Oct 2019	<b>Trainer</b> <b>Chresso University, Lusaka</b> I worked as a peer educator and trained several peers on sensitive issues like HIV/AIDS, sex, early pregnancy, and other sensitive matters. I taught several other peers delicate subjects like sex, early pregnancy, HIV/AIDS, and other delicate issues while working as a peer educator.
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# Qualities

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- Teamwork and Leadership Skills
- Time Management Skills
- Executive Functioning and Working Memory
- Respect
- Attention to detail
- Enthusiasm and personal drive
- Willingness to learn
- Ability to handle pressure and meet deadlines
- Flexibility
- Initiative

# Awards

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May 2024

**HAKAINDE HICHILEMA INNOVATION FUND (HHIF)**  
**Project: Road Damage Detection System Using Machine Learning**  
I developed a robust Road Damage Detection System (RDD System) utilizing state-of-the-art Machine Learning (ML) techniques. The RDD System aims to autonomously identify and categorize various types of road damage, such as potholes, cracks, and surface degradation, using image processing and computer vision methodologies.

June 2024

**ZICTA ICT INNOVATION PROGRAMME**  
**Project: Road Damage Detection System Using Machine Learning**  
I developed a robust Road Damage Detection System (RDD System) utilizing state-of-the-art Machine Learning (ML) techniques. The RDD System aims to autonomously identify and categorize various types of road damage, such as potholes, cracks, and surface degradation, using image processing and computer vision methodologies.