Chanda M. Chimfwembe

Computer Science Graduate

Personal details

Name	Chanda M. Chimfwembe
Email address	chandamartin187@gmail.com
Phone number	+260 979 466 069
Address	Plot Number 17933, 24th Street Libala, Lusaka
Date of birth	June 22, 1999
Place of birth	Lusaka, Zambia.
Gender	Male
Nationality	Zambian
Civil status	Unmarried
Website	https://chanda-m-chimfwembe.netlify.app/
Linked-in	linkedin.com/in/chanda-m-chimfwembe-931a57291/
GitHub	https://github.com/ChandaMC

Education

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

I consent to the processing of my personal data for the purpose of recruitment for the position to which I am applying.

Employment

Dec 2017 - Nov 2019	**Assistance** **Rehoboth Computers - Mr. Erry Sifaya, Livingstone** Worked at Rehoboth Computers as an assistant, typist, etc. Mr. Erry Sifaya *+260 976 403 036*
June 2023 - August 2023	**Software Developer Intern** **ZCAS University - Mr. Soko Zimba (Systems Administrator)** Worked at ZCAS University as a Software Developer intern Mr. Zimba Soko +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.

Skills

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

Projects

1. ASSET MANAGEMENT SYSTEM FOR ZEGA Ltd.
PHP and JavaScript (Server side), HTML, CSS and JavaScript (Client side) and MySQL (Database Management System)

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.

2. ROAD DAMAGE DETECTION SYSTEM USING MACHINE LEARNING
Java (Mobile App), Python (Machine Learning)

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.

I consent to the processing of my personal data for the purpose of recruitment for the position to which I am applying.

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]

Languages

English	Very good
Bemba	Fluent
Nyanja	Fluent

Hobbies

- Fishing
- Programming
- Watching Documentaries
- Swimming
- Reading

Profile

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

June 2023 - August 2023 | **Software Developer Intern**
ZCAS University - Mr. Soko Zimba (Systems Administrator)
Mr. Zimba Soko +260 979 401 419

References

Mr. Anita M. Shandele
Hillcrest National Technical High School,
Livingstone
+260 977 712 423, anitashandele@gmail.com

Mr. Erry Sifaya
Rehoboth Computers,
Livingstone
+260 976 403 036, errysifaya@gmail.com

Mr. Soko Zimba
ZCAS University,
Lusaka
+260 979 401 419, soka.zimba@zcasu.edu.zm

Dr. Mwenge Mulenga

Mulungushi University,
Kabwe
+260 767 762 901, mmulenga@gmail.com

Dr. George Mukupa

Mulungushi University,
Kabwe
+260 969 912 130, gmukupa@mu.edu.zm

I consent to the processing of my personal data for the purpose of recruitment for the position to which I am applying.

Courses

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

Certificates

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

Achievements

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

Extracurricular activities

Feb 2018 - Oct 2019	**Trainer**
	Chresso University, Lusaka
	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.

Qualities

- 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

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.