

Hello

I'm Joseph Nchimunya

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Skills

A highly motivated computer scientist with a strong academic background and practical experience in solving complex problems through innovative solutions. Seeking opportunities to leverage my skills and knowledge in artificial intelligence, software engineering and data science to make a positive impact on cutting-edge projects.

Experience

2025 - Present

UPEME SKILL COMMUNITY TRAINING EDUCATION, Lusaka – *Computer Appreciation Training & Education*

- Conduct training sessions on computer literacy and the practical use of software applications, including the Microsoft Office Suite.
- Guide learners in developing essential digital skills for academic, professional, and personal use.
- Provide hands-on instruction in word processing, spreadsheets, presentations, and internet navigation to enhance productivity.
- Adapt teaching methods to accommodate different learning styles, ensuring effective skill acquisition for all participants.
- Assist students in using publishing tools for document formatting, graphic design, and content creation.

2022 - 2025

MELZARA/MUKONO COLLEGE, Lusaka – *Computer Science Professional*

- Teaching computer science courses, including programming, data structures, and software engineering.
- Designing and implementing curriculum and course materials to enhance student learning.
- Providing one-on-one support and mentorship to students, helping them achieve academic and career goals.
- Collaborating with faculty members to develop new programs and initiatives.
- Leading workshops and seminars on current trends and technologies in computer science.
- Participating in departmental meetings and contributing to the continuous improvement of the computer science program.
- Engaging in research projects and staying updated with advancements in the field.

2019 - 2019

OAK UNIVERSITY, Lusaka – *TA(Teaching Assistant in Web Development)*

- Supported instructors in delivering web development course materials and practical sessions.
- Offers personalized guidance to students, helping them understand web development concepts and solve coding challenges.
- Evaluated student assignments and projects, providing constructive feedback to enhance their skills.
- Facilitated group discussions and coding workshops, fostering a collaborative learning environment.
- Demonstrated a deep commitment to promoting excellence in web development education.

2017 - 2018

VINTECH LIM, Lusaka – *Computer Technician*

- Diagnosed and resolved hardware and software issues for various computer systems.
- Collaborated with clients to assess needs and recommended tailored solutions.
- Conducted routine maintenance, including hardware upgrades and software installations.
- Performed system backups and implemented data recovery procedures.
- Provided technical assistance to non-technical users, offering guidance and training.
- Maintained detailed records of service and repair activities.

Education

2023 - 2024

ALX AFRICA (AMERICA'S LEARNING EXCHANGE), Online Nigeria – *Certificate (ALX Software Engineering Intern)*

Foundational Software Engineering Skills (9 Months)

- Gained expertise in programming languages, including **C** and **Python**.
- Developed foundational database management skills using **MySQL**.
- Acquired web development proficiency in **HTML** and **CSS**.
- Introduced to **Object-Oriented Programming (OOP)** concepts.
- Completed projects demonstrating proficiency in these core areas.

Specialization in Back-End Development (3 Months)

- Built dynamic web applications using **Flask**, **Node.js**, and **Express.js**.
- Designed and deployed **RESTful APIs** with advanced features like authentication and third-party integrations.
- Mastered advanced **SQL**, database optimization techniques, and efficient data storage practices.
- Expanded expertise in **TypeScript** for scalable back-end solutions.

2019 - 2023

GIDEONS ROBERTS UNIVERSITY, Lusaka – *Degree (Bachelor of Science in Computer Science)*

Achieved a strong academic record, maintaining a high GPA throughout the course. Developed a comprehensive understanding of core computer science concepts, including algorithms, data structures, and software engineering principles. Completed coursework in web development, database management, and artificial intelligence. Participated in several group projects, showcasing teamwork and leadership skills. Engaged in hands-on learning through internships and practical lab sessions. Contributed to university coding competitions and hackathons, earning recognition for innovative solutions. Actively involved in the Computer Science Club, organizing events and workshops for fellow students.

SECONDARY EDUCATION

2017

MOOMBA SECONDARY & BOARDING SCHOOL, Central – *Certificate*

2013

EDEN PARK SCHOOL, Central – *Certificate*

2012

EMMASDALE SECONDARY SCHOOL, Lusaka

2010

NORTHMEAD SECONDARY, Lusaka – *Certificate*

Relevant Courses

Data Structures and Algorithms, Artificial Intelligence, Theory of Computation

Skills:

Programming Languages:

- **Proficient:**
 - Kotlin, Python, Java, C/ C++, JavaScript (React Js, Node Js, Express Js)
- **Familiar:**
 - PHP (Laravel), RUBY, C# , SASS, Django

Data Analysis and Machine Learning:

Scikit-learn

Data Management:

- SQL: Postgresql, MySQL
- NoSQL: Firebase, MongoDB

Software Development:

- Git
- Agile
- Android Studio
- CLion, PyCharm, IntelliJ
- VSCode, Visual Studio, Vim
- Docker
- Nginix

Operating System:

Linux Debian Based: Ubuntu

Recent Projects:

Online Auction System

The Online Auction System is a web-based platform that allows users to create auctions, place bids, and participate in buying and selling various items through an online auction format.

Technologies Used:

- **Backend Development:**
 - Programming Language: Python
 - Web Framework: Flask, FastAPI
 - Database: SQLite
- **Frontend Development:**
 - Web Technologies: HTML, CSS, JavaScript, JQuery
 - CSS Framework: Bootstrap
- [Auction Marketplace \(Live Demo\)](#)

Publications:

- [What happens when you type google.com in your browser and press Enter](#)
- [Building an Online Auction Platform with Flask](#)
- Netflix UI Clone (Moviedb API) [React App \(awesome-hoover-860b10.netlify.app\)](#)
- Demo - [Melzara College \(melzara-demo.netlify.app\)](#)
- CV - [Joseph Nchimunya](#)
- [Airbnb \(airbnb-clone-one-taupe.vercel.app\)](#)
- [FastApi](#)
- Mooto Prototype: [Document \(epic-swartz-6e8753.netlify.app\)](#)

Languages:

English, Nyanja, Kotlin

Python, Java, C/C++, JavaScript, PHP

Interests:

Music, Sci-Fi, Basketball, Novels, LifeStyle, Fantasy

References:

Pastor Mervin Nchimunya, Lusaka – *Greater Grace*

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HOD Mr Mwaulusi, Lusaka – *Melzara/Mukono College of Sciences*

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