DENNIS KABASO

Computer Science Student · Web App Developer · AI Enthusiast

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PROFESSIONAL SUMMARY

Computer Science student at the National Institute of Public Administration (NIPA), Lusaka, with a foundation in programming, networking, databases and IT support. Web app developer and AI enthusiast. President of the ICTAZ NIPA Student Chapter, where I lead student technology programmes and coordinate events. Open to internships and roles in software development and IT.

EDUCATION

Bachelor of Computer Science | National Institute of Public Administration (NIPA), Lusaka |
Expected graduation: 2027

- Relevant coursework: Mobile Programming, Parallel Systems, and Computer Ethics and Profession.

Grade 12 Certificate | Woodlands A Secondary School, Lusaka | *Completed 2021*

LEADERSHIP EXPERIENCE

President | ICTAZ NIPA Student Chapter (Information Communication Technology Association of Zambia)

- Lead the student chapter's technology programmes, workshops and events, coordinating classmates and partners to deliver activities on campus.
- Provide overall leadership for the chapter: setting priorities, guiding members, and seeing student technology programmes through from planning to delivery.
- Advocate for technology awareness and student engagement, building teamwork, communication and organisational skills.

PROJECTS

Lusaka Food Prices Analysis — *Python, pandas*

- Analysed maize, mealie meal and fuel prices in Lusaka markets using World Food Programme data, practising data cleaning, analysis and clear presentation of findings.

Lusaka Road Safety Analysis — *Python, pandas*

- Analysed public Zambia road traffic crash tables for Lusaka Province (2016–2024), looking at severity, reported causes, timing and who was killed. The tables are yearly and quarterly totals, not one row per crash.

Lusaka Air Quality Analysis — *Python, pandas*

- Analysed daily air quality in Lusaka (1 August 2022 to 18 February 2026), using modelled Open-Meteo CAMS global estimates rather than ground-monitor measurements.

Simple Chatroom — *PHP, MySQL*

- Built a real-time chat application with user sign-up, hashed-password login and chat rooms for an Internet Technology course, demonstrating database design and basic application security.

Bookit Lusaka — *Web development*

- Created a booking-page template for Lusaka salons, clinics and barbers, applying HTML, CSS and JavaScript to a practical local-service use case.

TECHNICAL SKILLS

Programming: Python, Java, C, HTML/CSS/JavaScript, PHP
Data and databases: SQL, MySQL, pandas
Systems and support: Networking, IT support, Linux, computer hardware troubleshooting, cybersecurity basics
Tools: Git/GitHub, Visual Studio Code, Microsoft Excel, Word and PowerPoint

REFERENCES

Available upon request.