

TINEVIMBONASHE VITALIS JERA

CURRICULUM VITAE

Computer Science Student | ICT Intern Candidate | University of Zimbabwe
jeravitalis@gmail.com • +263 71 871 6013 / +263 78 706 3444 • Harare, Zimbabwe

PROFILE

A technically versatile Computer Science student and hybrid innovator specializing in Human Computer Interaction (HCI) and adaptive software systems. Proven track record of taking software concepts from raw code to public exhibition, including presenting an original AI-integrated study platform at the UZ Innovation Week. Exceptionally skilled in python and frontend design and structured system documentation. A disciplined project leader and former debate captain who translates complex requirements into scalable applications. Seeking a rigorous industrial placement to contribute immediate development value to complex software projects. Allowance expectation: USD 200 per month.

EDUCATION

BSc Honours Degree in Computer Science

2024 – Present

University of Zimbabwe | Reg: R2420378 | Currently: 3rd Year

- 1st Class: Programming Fundamentals, Statistics for CS, Electrical & Electronic Principles, Discrete Mathematics, Machine Learning, Critical Consciousness, Student Development, Operating Systems and Computer architecture
- 2.1: Data Structures & Algorithms, Web & Mobile Computing, Database Design, OOP, Software Engineering, AI & Expert Systems, Data Communications & Networks, Physical Computing & IoT
- Data Communications & Networks, Physical Computing & IoT, Database Design, Electrical & Electronic Principles
- Elected Class Representative: professional liaison for 140+ Computer Science students

A-Level: Computer Science, Physics, Pure Mathematics, Statistics

November 2023

Moleli High School | 4 A grades (Distinction) | 20 points total

O-Level: 14 subjects — 7 As, 6 Bs, 1 C

November 2021

Moleli High School | Including Mathematics, English, Computer Science, Combined Science

CERTIFICATIONS

CS50's Introduction to Artificial Intelligence with Python

Harvard University | 2025

- Completed 12 projects: search algorithms, knowledge representation, Bayesian inference, optimisation, machine learning, neural networks, NLP and transformer/attention models
- Verified: cs50.harvard.edu/certificates/34b6ceb6-58f5-4153-a548-378254a0c92a

ICDL Profile Certificate

ICDL Africa | October 2024

- Modules: Computer & Online Essentials, MS Office 365 — Presentations, Spreadsheets, Documents

TECHNICAL SKILLS

Languages	Python, Java, JavaScript, HTML, CSS, SQL
AI & ML	Machine Learning, Search Algorithms, Expert Systems,
Development	OOP, Software Engineering, Web & Mobile Computing, Systems Analysis
Databases	Database Design & Development, SQL
Tools	Git, VS Code, MS Office 365, Google Workspace, Pycharm
Soft Skills	Problem Solving, Technical Writing, Project Management, Leadership, Teamwork, Communication Skills, Bilingual, AI literate

SOFTWARE PROJECTS

ZimZap – AI-Powered Educational Platform

2024 – Present

Tech: Python, AI/ML, Web Development

- Founded and lead development of an AI-driven platform targeting ZIMSEC students across Zimbabwe
- Designed subject-specific question banks, intelligent feedback systems and gamified learning modules
- Managing product strategy, technical architecture and iterative development as sole founding developer

Fast Food Ordering System

2024

Tech: Python, OOP

- Built a command-line ordering application with menu navigation, order management and billing logic
- Applied OOP principles: classes, encapsulation and modular design

Solar Smart Traffic Lights System

2024

Tech: Python

- Designed a software-controlled smart traffic system integrating solar power simulation and adaptive timing algorithms
- Applied sensor logic, state machines and green-energy optimisation concepts

LEADERSHIP & INITIATIVE

Founder & Technical Lead

2024 – Present

LittleGlow Tech (EdTech Startup), Harare

- Founded educational technology company developing AI tools for students and schools in Zimbabwe
- Leading full product lifecycle: ideation, technical design, development and iteration across three platforms (ZimZap, Glow Up, Robolit3)
- Demonstrates ability to take ownership, manage complexity and deliver under self-directed conditions

Founder

2024 – Present

EBBA – Elevated Beyond Building Africa, Harare

- Established and registered a youth organisation with ZYC Highfield 1 District while in full-time study
- Managed event coordination, stakeholder engagement and programme delivery across career days and student award events

REFERENCES

Available upon request.