

CURRICULUM VITAE FOR TANAKA STEVEN MACHONA









Personal Information

FULL NAME: TANAKA STEVEN MACHONA
ADDRESS: K16922 KATANGA, NORTON, HARARE
PHONE: +263 71 636 7279 / +263 77 193 6890
EMAIL: tanakasteven450@gmail.com
GENDER – MALE | **DOB** – 15/03/2002 | **MARITAL STATUS** – SINGLE | **NATIONALITY** – ZIMBABWEAN

Personal Statement

I am a dedicated software developer with over a year of hands-on experience in full-stack development, gained through academic projects and freelance work. I specialize in PHP, Python, JavaScript, and SQL Server, and have built dynamic web applications, designed secure databases, and collaborated with stakeholders to deliver scalable solutions. With a strong grasp of Agile workflows and a Scrum Fundamentals Certification, I thrive in fast-paced environments and am eager to contribute to impactful software projects while continuing to grow professionally.

Attributes & Strengths

-  Self-motivated & detail-oriented – Works independently with precision, managing complex tasks efficiently
-  Innovative & results-driven – Combines ambition with flexibility to meet high standards in fast-paced environments
-  Team collaborator – Thrives in team settings, eager to learn, share knowledge, and tackle challenges together
-  Strong communicator – Clear and concise in both spoken and written communication across diverse audiences
-  Multilingual fluency – Proficient in English and Shona for effective communication in multicultural contexts
-  Technical versatility – Skilled in hardware support, database management, network architecture, and multiple programming languages (Python, C#, Java, React, PHP, Flutter)
-  Software proficiency – Advanced user of Microsoft Office tools to optimize workflow and productivity
-  AI & Machine Learning fluency – Experienced in applying supervised and unsupervised learning models, with a keen interest in ethical AI and scalable analytics solutions

Educational Qualifications

- **Bachelor of Science (Honors) in Computer Science Ongoing** – 2023 to 2027
- **Advanced Level (A-Level) (2022) Passed 3 subjects:** Pure Mathematics, Physics, and Computer Science
- **Ordinary Level (O-Level) (2020) Passed 7 of 7 subjects including** English and Mathematics

Additional Courses & Certifications

- **IDCL Course – Microsoft Office Packages (2023)** Gained practical proficiency in Excel, Word, and PowerPoint for productivity and reporting.
- **CS50 AI – Harvard University (2024)** Completed an advanced Python-based Artificial Intelligence course covering search, optimization, and neural networks. [Link](#)
- **SCRUM Fundamentals Certification (2024)** Acquired core knowledge in Agile methodologies and project management best practices. [Link](#)
- **Huawei IoT – Physical Computing & Internet of Things (2025)** Explored smart device integration and IoT system design using sensor-based inputs and cloud interaction.

Selected Projects & Achievements

- **Podmyth Podcast Website:** Developed a Python Flask-based site focused on health podcasts, product ads, and articles demonstrating full-stack development and content integration. [link](#)
- **Personal Portfolio Site:** Built a digital showcase to present technical proficiencies and design talents, with a user-centric interface and engaging layout. [link](#):
- **IoT Gas Detector System:** Engineered a smart gas detection system with real-time email alerts highlighting hardware integration and secure communication protocols.

Availability & Relocation Preferences

- **Availability:** Immediately available for full-time opportunities.
- **Location:** Currently based in Harare, Zimbabwe.
- **Relocation:** Open to relocating within Zimbabwe

References

- Mr. T. Rupere (Chairman, CS Department UZ) trupere@ceic.uz.ac.zw
- Mr. M. Munyaradzi (Lecturer, CS Department UZ) micheal.munyaradzi@gmail.com



UNIVERSITY OF ZIMBABWE

FACULTY OF COMPUTER ENGINEERING
INFORMATICS AND COMMUNICATIONS

Chairperson, Computer Science Department

T. Rupere

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Email: trupere@ceic.uz.ac.zw
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Website: <https://www.uz.ac.zw>

27 June 2025

TO WHOM IT MAY CONCERN

Dear Sir/Madam

RE: INDUSTRIAL ATTACHMENT (WORK-RELATED LEARNING) PLACEMENT:

TANAKA MACHONA...STUDENT REGISTRATION NUMBER: R.236568C.....

The Department of Computer Science, University of Zimbabwe (UZ), is applying for (Work Related Learning) industrial attachment placement in your organization on behalf of the above-named student, who is currently studying for the BSc Honours Computer Science/ BSc Honours Artificial Intelligence and Machine Learning/ BSc Honours Cloud Computing and Internet of Things. The (Work Related Learning) industrial attachment is for the period August 2025 to August 2026 and is in partial fulfilment of the requirements of the degree programme.

Inter-alia, the (Work Related Learning) Industrial Attachment will afford the student an opportunity to apply theory and to practice and to prepare the student for professional growth and development. It is against this backdrop that your decision to take the student on (Work Related Learning) Industrial Attachment will be greatly appreciated.

During this period, the student will be expected to abide by the rules and regulations of your organization. For any further information, please contact the Chairperson via email at trupere@ceic.uz.ac.zw.

I look forward to your favourable response.

Yours sincerely,

MR. T. RUPERE

(HEAD OF DEPARTMENT)



UNIVERSITY OF ZIMBABWE ONLINE EXAMINATION RESULT SLIP

REGISTRATION NUMBER: R236568C

STUDENT NAME: Mr T S Machona

ADDRESS: K16922 Katanga Norton

PROGRAMME: BACHELOR OF SCIENCE HONOURS DEGREE IN COMPUTER SCIENCE(HCS)

ACADEMIC YEAR: 3



YEAR: 2024

CODE	NAME	RESULT	CLASSIFICATION	SEMESTER
HCS212	MACHINE LEARNING	P	1	2
SDLSCE201	STUDENT DEVELOPMENT AND LIFE SKILLS	P	1	2
HCS214	PHYSICAL COMPUTING AND THE INTERNET OF THINGS	P	1	2
RCE301	RESEARCH AND INNOVATION SKILLS	P	2.1	2
HCS213	OPERATING SYSTEMS AND COMPUTER ARCHITECTURE	P	1	2
LAICCEIN D200	LANGUAGE ACQUISITION AND INTERCULTURAL COMMUNICATION FOR COMPUTER ENGINEERING AND INFORMATICS - NDEBELE	P	3	2

DECISION: PASS : PROCEED

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PROGRAMME: BACHELOR OF SCIENCE HONOURS DEGREE IN COMPUTER SCIENCE(HCS)

ACADEMIC YEAR: 3



YEAR: 2024

CODE	NAME	RESULT	CLASSIFICATION	SEMESTER
CCLSCE2 01	CRITICAL CONSCIOUSNESS AND LIFE SKILLS	P	2.1	1
HCS201	Object Oriented Programming	P	2.1	1
HCS211	DATA COMMUNICATIONS AND COMPUTER NETWORKS	P	2.1	2
HCS204	DISCRETE MATHEMATICS	P	1	1
HCS203	ARTIFICIAL INTELLIGENCE AND EXPERT SYSTEMS	P	2.1	1
HCS202	Software Engineering	P	2.1	1

YEAR: 2023

CODE	NAME	RESULT	CLASSIFICATION	SEMESTER
HCS102	Statistics for Computer Science	P	2.1	1
HCS103	Calculus	P	1	1
HCS104	Linear Algebra	P	2.1	1
HCS114	DATABASE DESIGN AND DEVELOPMENT	P	2.1	2
SDLSCE1 01	STUDENT DEVELOPMENT AND LIFE SKILLS	P	2.1	2
HCS111	DATA STRUCTURES AND ALGORITHMS	P	1	2
HCS112	ELECTRICAL AND ELECTRONIC PRINCIPLES	P	2.1	2
HCS113	WEB DESIGN AND MOBILE COMPUTING	P	1	2
IDCE101	INFORMATION DIGITAL SKILLS	P	1	2
LAICCEIP O100	LANGUAGE ACQUISITION AND INTERCULTURAL COMMUNICATION FOR COMPUTER ENGINEERING AND INFORMATICS - PORTUGUESE	P	3	2
HCS101	Programming Fundamentals	P	1	1