

# CURRICULAM VITAE

## FOR

### GABRIEL JUNIOR NDLOVU

**Gender:** Male

**DATE OF BIRTH:** 30<sup>th</sup> December 2002

⌚ **Postal and Residential Address:** 1 St. Andrews Rd Mshumavale Kadoma

📞 **Phone Number:** +263 77 602 6525

✉ **Email:** [ndlovugabrieljunior@gmail.com](mailto:ndlovugabrieljunior@gmail.com)

[GitHub](#) [LinkedIn](#) [Portfolio](#)

## PROFESSIONAL SUMMARY

Motivated and detail-oriented second-year Computer Engineering student at the University of Zimbabwe, passionate about Artificial Intelligence, Robotics, and Software Development. With over a year of hands-on experience, I have built impactful projects in AI diagnostics, embedded systems, and full-stack development. I bring a strong foundation in Python, JavaScript (React, Node.js), Java, and C#, with experience in machine learning frameworks like TensorFlow. Eager to apply my skills, collaborate with innovative teams, and gain real-world experience in tech-driven environments.

## TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, Java, C#, SQL
- **Frameworks & Libraries:** TensorFlow, React.js, React Native, Node.js, Express.js, .NET
- **Tools & Platforms:** Git/GitHub, Vite, Microsoft SQL Server, Arduino, Postman
- **IDEs & Environments:** VS Code, PyCharm, IntelliJ IDEA, Google Colab, Jupyter Notebook

## EDUCATION

## **Hons Bachelor of Science in Computer Engineering**

**3 Advanced Level Passes:** Physics [B], Mathematics [A], Chemistry [A]

**10 Ordinary Level Passes:** Including Maths, English and Science

## **CERTIFICATIONS**

**HEXCO – COMPUTER OPERATIONS AND PACKAGES** December 2019

**ICDL AFRICA CERTIFICATE – MS OFFICE:** [CERTIFICATE](#) December 2023

**CODECADEMY - PYTHON 3 COURSE:** [CERTIFICATE](#) January 2024

**CODECADEMY - INTERMEDIATE PYTHON 3 COURSE:** [CERTIFICATE](#) May 2024

## **PROJECT HIGHLIGHTS**

### **Finderella: Lost and Found Web and Mobile App for University of Zimbabwe**

- Helped in developing a full-stack web and mobile app for lost-and-found item management using React.js, Node.js, and MongoDB for real-time item posting, tracking, and notification updates.
- Designed a responsive UI with React Native for mobile and React.js for web, showcasing cross-platform compatibility.
- Presented the project as a course capstone, receiving positive feedback on scalability and user flow design and ability of the system to reduce recovery time of lost items by 40%.
- [LINK TO PROJECT](#) (November – December 2024)

### **Onco-Vision: AI-Powered Diagnostic Tool for Early Blood Cancer Detection**

- Participated in designing and implementing a browser-based AI system for early-stage blood cancer detection using TensorFlow, enabling users to upload and analyse medical images in real-time directly in the browser.
- Engineered a custom machine learning model from the ground up using TensorFlow and the EfficientNetB0 architecture in Python, achieving optimized performance for image classification tasks leveraging Convolutional Neural Networks (CNNs).
- Focused on performance optimization and model accuracy, achieving 90%+ prediction reliability on sample datasets.
- [LINK TO PROJECT](#) (January – June 2025)

## **Gemini-AI: Google-Gemini Clone AI Assistant Web App**

- Built a conversational AI web app inspired by Google Gemini, leveraging Google Gemini 2.0 API key to simulate real-time chat interactions with intelligent responses.
- Executed the frontend using React.js responsive interface, and integrated speech-to-text functionality for enhanced accessibility.
- [LINK TO PROJECT](#) (February 2025)

## **CLUBS & VOLUNTEERING**

- **UZ Robotics Club:** [LINK TO ORGANISATION](#)
- **UZ Google Developer Student Club**
- **UZ 3D Makerspace -3D Printing:** [LINK TO ORGANISATION](#)

## **SOFT SKILLS**

- Critical thinker and effective problem-solver
- Adaptable and dependable under pressure
- Time-conscious and committed to excellence
- Strong interpersonal and teamwork abilities

## **HOBBIES & INTERESTS**

- Playing cricket
- Exploring new tech
- Building passion projects
- Watching Formula 1
- Listening to music

## **REFERENCES**

1. Ms Khumalo (Lecturer at the University of Zimbabwe) +263 71 713 5711
2. Malvern Chimbwanda (President of the UZ Robotics Club) +263 71 321 8013

## ACADEMIC PERFORMANCE

**Registration Number: R236589V**  
**Programme: BACHELOR OF SCIENCE HONOURS DEGREE IN COMPUTER ENGINEERING(HCE)**  
**Student Name : Mr G J Ndlovu**  
**Academic Year: 2**  
**Address: 1 Saint Andrews Road Mshumavale**

**YEAR : 2024**

COURSE CODE	COURSE NAME	RESULT	CLASSIFICATION	SEMESTER
CCLSCE201	CRITICAL CONSCIOUSNESS AND LIFE SKILLS	P	2.1	1
HCE201	Object Oriented Programming	P	2.2	1
HCE205	Web & Mobile Technologies	P	2.2	1
HCE204	Mathematics 2	P	2.1	1
HCE203	Software Project Management	P	2.1	1
HCE202	Digital Signal Processing	P	1	1

**YEAR : 2023**

COURSE CODE	COURSE NAME	RESULT	CLASSIFICATION	SEMESTER
HCE102	Electrical and Electronic Principles	P	2.1	1
HCE103	Software Engineering	P	1	1
HCE115	Operating Systems and Computer Architecture	P	1	2
SDLSCE101	STUDENT DEVELOPMENT AND LIFE SKILLS	P	1	2
HCE104	Mathematics 1	P	2.1	1
HCE111	Data Structures and Algorithms	P	2.1	2
HCE112	DIGITAL ELECTRONICS AND LOGIC DESIGN	P	1	2
HCE113	VISUAL PROGRAMMING	P	2.1	2
HCE114	Database Systems	P	2.1	2
IDCE101	INFORMATION DIGITAL SKILLS	P	1	2
LAICCEIFR100	LANGUAGE ACQUISITION AND INTERCULTURAL COMMUNICATION FOR COMPUTER ENGINEERING AND INFORMATICS - FRENCH	P	2.1	2
HCE101	Principles of Programming Languages	P	2.2	1

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[Download Results As PDF](#)

COURSE CODE	COURSE NAME	RESULT	CLASSIFICATION	SEMESTER	YEAR
HCE213	MICROPROCESSORS & EMBEDDED SYSTEMS	P	1	2	2024



ZIMBABWE SCHOOL EXAMINATIONS COUNCIL

ZIMBABWE GENERAL CERTIFICATE OF EDUCATION  
AT ADVANCED LEVEL

This is to certify that the candidate named below sat the Zimbabwe General Certificate of Education Examination at Advanced Level and attained at least Grade E in the subject(s) named.

NDLOVU GABRIEL J

080305 / 5091

EXAMINATION OF NOVEMBER 2021

JAMESON HIGH SCHOOL

GCE ADVANCED LEVEL

CHEMISTRY  
PHYSICS  
PURE MATHEMATICS

ADVANCED LEVEL PASSES RECORDED  
AO LEVEL SUBSIDIARY PASSES RECORDED  
ORDINARY LEVEL PASSES RECORDED  
TOTAL PASSES RECORDED

**A (a) PASS**  
**B (b) PASS**  
**A (a) PASS**

THREE  
ZERO  
ZERO  
THREE



Professor Edias Mwenje  
Chairman - ZIMSEC Board

Doctor Lazarus Nembaware  
Director - ZIMSEC

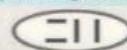
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For explanation of grades see overleaf

A/21/0090533



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ZIMBABWE SCHOOL EXAMINATIONS COUNCIL

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AT ORDINARY LEVEL

This is to certify that the candidate named below sat the Zimbabwe General Certificate of Education Examination at Ordinary Level and attained at least grade E in the subject(s) named.

NDLOVU GABRIEL J

080305/3097

EXAMINATION OF NOVEMBER 2019

JAMESON HIGH SCHOOL

COMBINED SCIENCE	A (a)
MATHEMATICS	B (b)
ENGLISH LANGUAGE	B (b)
SHONA LANGUAGE	B (b)
GEOGRAPHY	B (b)
PHYSICS	A (a)
CHEMISTRY	B (b)
HISTORY	A (a)
BUSINESS AND ENTERPRISE SKILLS	A (a)
TECHNICAL GRAPHICS AND DESIGN	C (c)

NUMBER OF SUBJECTS RECORDED : TEN  
NUMBER OF SUBJECTS GRADED C OR BETTER : TEN

Professor Edias Mweneje  
Chairman - ZIMSEC Board

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Doctor Lazarus Nembaware  
Director - ZIMSEC

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accuracy of this Certificate should there  
be an alteration, erasure, tear or if it is





A N° 158634

ZIMBABWE

MINISTRY OF HIGHER AND TERTIARY  
EDUCATION, SCIENCE AND TECHNOLOGY  
DEVELOPMENT

*This is to certify that*

**GABRIEL JUNIOR NDLOVU**

*has been awarded the*

**NATIONAL FOUNDATION  
CERTIFICATE**

*in*

**COMPUTER OPERATIONS AND PACKAGES**

*on the 31ST day of DECEMBER 2019*

Having satisfied the Examiners in the designated areas, and is therefore entitled to the professional privileges and responsibilities emanating therefrom.

A handwritten signature in black ink, appearing to read "J. J. Ndzimande".

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Secretary for Higher and Tertiary Education,  
Science and Technology Development

HEXCO