

MUFARO CONEL NYAKUDYA (Data Science Student).

+263 776 678 17617 / +263 711 475 883 | nyakudyamufa2002@gmail.com | Harare, Zimbabwe | Male 22 Years
<https://www.linkedin.com/in/mufaro-nyakudya-761505232/> | <https://github.com/Mufaroconel>

PROFESSIONAL SUMMARY

Data science student with hands-on experience in data engineering, data analytics, and machine learning. Skilled in building and deploying AI models, developing data pipelines, and creating interactive dashboards. Proficient in Python, SQL, and various data science tools and technologies, with a strong foundation in statistical analysis and programming.

PROFESSIONAL COMPETENCIES

Data Engineering | Data Analytics | Machine Learning
Statistical Analysis | Artificial Intelligence | Data Visualization

CORPORATE VALUE PROPOSITION

- Proficient in data manipulation, analysis, and visualization using tools such as Python, SQL, Power BI, and Excel.
- Experience in developing and deploying AI models and web applications, including APIs and interactive dashboards.
- Skilled in building ETL pipelines, handling real-time data processing with Apache Airflow and Kafka.
- Knowledgeable in using cloud services like AWS Lambda and AWS Glue for scalable data processing solutions.
- Strong ability to translate complex data into actionable insights and communicate findings effectively to stakeholder

EDUCATION & PROFESSIONAL CERTIFICATIONS

- 2026: B.Sc. Honors Degree in Data Science and Informatics at the University of Zimbabwe
- 2021: 3 Advanced Level Passes in Pure Mathematics, Physics and Computer Science
- 2019: 7 Ordinary Level Passes including Mathematics and English Language

ACTIVE LEARNING PROJECTS

Musika

- A whatsapp based marketplace for fruits and vegetables, integrating data collection, processing, and WhatsApp API for seamless customer communication and personalized recommendations.
https://github.com/Mufaroconel/Pamusika_Blueprint

Django for Data Science

- Explored building web applications and RESTful APIs for data visualization and analysis.
<https://github.com/Mufaroconel/Django-Coursera>

LangChain Building AI Apps (LLM)

- Implemented advanced LLM models such as OpenAI and Hugging Face using Python.
<https://github.com/Mufaroconel/LangChain-Building-AI-Apps-LLM->

Explored Google's Gemini API

- Interacted with the API for text and image-based generation and built creative text formats.
https://github.com/Mufaroconel/Gemini_api

ETL Pipelines

- Built automated data pipelines with ETL, Airflow, and Kafka, learning in progress.
<https://github.com/Mufaroconel/ETL-and-Data-Pipelines-with-Shell-Airflow-and-Kafka>

REFERENCE

Ms. L.K Nyandoro
Department Chairperson, Department of Analytics and Informatics
Cell: +263 77 233 1163



UNIVERSITY OF ZIMBABWE

DEPARTMENT OF ANALYTICS AND
INFORMATICS

Ms. L. K. NYANDORO

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<https://www.uz.ac.zw>

Website:

09 August 2024

TO WHOM IT MAY CONCERN

Dear Sir/Madam

**RE: WORK RELATED LEARNING - INDUSTRIAL ATTACHMENT PLACEMENT FOR MR.
NYAKUDYA MUFARO C. REG NUM R223655C**

The Department of Analytics and Informatics, University of Zimbabwe (UZ), is applying for industrial attachment placement which it is now referring to as ***Work-Related Learning (WRL)*** in your organisation on behalf of the above-named student, currently studying for the BSc Honours Data Science and Informatics degree. This Work-Related Learning is for the period of August 2024 to August 2025 and is in partial fulfilment of the requirements of the degree programme.

Inter-alia, the Industrial Attachment will afford the student an opportunity to apply theory 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 Industrial Attachment will greatly be appreciated.

During this period, the student will be expected to abide by the rules and regulations of your organisation. It is now also an expectation of the UZ that all students attend at most one core module and possibly another campus-wide module during each of the two semesters stretching over this same WRL period.

For any further information please contact the Chairperson via any of the contact details supplied above.

I look forward to your favourable response. Yours Sincerely

UNIVERSITY OF ZIMBABWE
Department of Analytics
and Informatics
OFFICIAL
MS. L. K. NYANDORO

(HEAD OF DEPARTMENT)

UNIVERSITY OF ZIMBABWE ONLINE EXAMINATION RESULT SLIP

REGISTRATION NUMBER: R223655C

STUDENT NAME: Mr M C NYAKUDYA

ADDRESS: 69 JIRI CRESCENT MUFAKOSE HARARE

PROGRAMME: BACHELOR OF SCIENCE HONOURS DATA SCIENCE AND INFORMATICS(HDS)

ACADEMIC YEAR: 3



YEAR: 2022

| CODE | NAME | RESULT | CLASSIFICATION | SEMESTER |
|---------------|---|--------|----------------|----------|
| SDLSCE101 | STUDENT DEVELOPMENT AND LIFE SKILLS | P | 2.1 | 2 |
| HDS104 | Discrete Mathematics | P | 2.1 | 1 |
| HDS103 | Calculus | P | 2.1 | 1 |
| HDS101 | Principles of Programming Languages | P | 1 | 1 |
| HDS102 | Operating Systems | P | 1 | 1 |
| LAICCEIF R102 | LANGUAGE ACQUISITION AND INTERCULTURAL COMMUNICATION FOR COMPUTER ENGINEERING AND INFORMATICS-FRENCH INTERMEDIATE | P | 3 | 2 |
| HDS111 | INTRODUCTION TO DATA SCIENCE | P | 2.1 | 2 |
| HDS114 | Database Systems | P | 3 | 2 |
| HDS113 | DATA STRUCTURES AND ALGORITHMS | P | 2.1 | 2 |
| LAICCEIF R101 | LANGUAGE ACQUISITION INTERCULTURAL COMMUNICATION: FRENCH | P | 3 | 1 |
| IDCE101 | INFORMATION DIGITAL SKILLS | P | 1 | 1 |
| HDS112 | WEB TECHNOLOGIES | P | 1 | 2 |

YEAR: 2023

| CODE | NAME | RESULT | CLASSIFICATION | SEMESTER |
|---------------|--|--------|----------------|----------|
| SDLSCE201 | STUDENT DEVELOPMENT AND LIFE SKILLS | P | 2.1 | 2 |
| HDS202 | Artificial Intelligence | P | 2.1 | 1 |
| HDS204 | Linear Algebra | P | 2.1 | 1 |
| HDS203 | Applied Statistics | P | 2.1 | 1 |
| HDS201 | Software Engineering | P | 2.1 | 1 |
| CCLSCE201 | CRITICAL CONSCIOUSNESS AND LIFE SKILLS | P | 2.1 | 1 |
| HDS212 | BUSINESS INTELLIGENCE | P | 2.1 | 2 |
| LAICCEIF R201 | LANGUAGE ACQUISITION INTERCULTURAL COMMUNICATION: FRENCH | P | 2.1 | 1 |

YEAR: 2023

| CODE | NAME | RESULT | CLASSIFICATION | SEMESTER |
|-----------|---|--------|----------------|----------|
| SDLSCE201 | STUDENT DEVELOPMENT AND LIFE SKILLS | P | 2.1 | 2 |
| HDS211 | DATA COMMUNICATIONS AND COMPUTER NETWORKS | P | 2.1 | 2 |
| RCE301 | RESEARCH AND INNOVATION SKILLS | P | 3 | 2 |
| HDS211 | DATA COMMUNICATIONS AND COMPUTER NETWORKS | P | 2.1 | 2 |
| HDS260 | GROUP PROJECT | P | 2.1 | 2 |