

Fastino Mateteva

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PROFILE

A dedicated and results-driven AI professional with a degree in Artificial Intelligence and Machine Learning from the University of Zimbabwe. Skilled in developing innovative technologies, including speech recognition and text-to-speech models for Bantu languages, with a background in NLP, big data, and IoT solutions. Demonstrates technical proficiency across Python, machine learning, and Deep learning, and passionate about applying technological concepts for societal impact. Passionate about leveraging data science to solve real world challenges and aspiring to make impactful contributions as an AI Research Scientist.

EDUCATION

Bachelor of Science Honours Artificial Intelligence And Machine Learning (2.1) <i>University of Zimbabwe</i>	08/2020 – 06/2024 Harare, Zimbabwe
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PROFESSIONAL EXPERIENCE

Artificial Intelligence Innovation Futurist <i>Artificial Intelligence Institute Africa</i>	11/2024 – Present Harare, Zimbabwe
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- AI Training
- AI Research
- AI Product Implementation

Artificial Intelligence (AI) Developer <i>Rubiem Solutions</i>	09/2024 – present Harare, Zimbabwe
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- Developing Retrieval-Augmented Generation (RAG) applications
- Handling and processing large volumes of data
- Machine Learning (ML)
- Natural Language Processing (NLP)
- Data Analysis and Artificial Intelligence (AI) project development
- software development

AI Research Scientist <i>Zimbabwe Centre for High Performance Computing</i>	01/2024 – 06/2024 Harare, Zimbabwe
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- Big Data Technologies
- Data Engineering
- Conducted research in NLP technologies for low-resource languages
- Text to Speech and Speech to Text Model Development and Deployment
- LLMs

IT Intern <i>Midlands State University</i>	08/2022 – 07/2023 Zvishavane, Zimbabwe
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- Data Analysis
- Network Troubleshooting
- Software Installation and Configuration
- Technical Support
- Printer Maintenance

SKILLS

- Big Data Technologies
- LLMs
- Deep Learning frameworks
- Machine learning
- Data Analysis
- Software Development

PROJECTS

Pricing Engine for banks	01/2025 – 04/2025
Zimpapers project	12/2024 – 02/2025
News Clustering App	05/2024 – 06/2024
Fraud Detection Web App	02/2024 – 06/2024
NLP national project building text to speech and speech to text AI models for Bantu Languages	01/2023 – 06/2024
Next word shona prediction App	08/2023 – 10/2023
Image captioning Web app	03/2023 – 05/2023
Storeroom Management System	08/2022 – 11/2022
Air quality monitoring system participated at 2022 Innovation Hub	02/2022 – 07/2022

REFERENCES

Tatenda kavu, *Postdoctoral Research Scientist*, African Population and Health Research Center
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B Hananda, *ICT Campus Engineer*, Midlands State University
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T Rupere, *Computer Science Chairperson*, University of Zimbabwe
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