

# ISHMAEL CHIRUME

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+26776060788 | <https://github.com/ishazi> | Harare, Zimbabwe | Age: 25

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## PROFILE

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A highly motivated and detail-oriented recent graduate in Computer Science, seeking a Graduate Trainee – Computer Scientist position to apply my programming skills in Python, Java, and PostgreSQL. Eager to contribute to software development projects, gain industry experience, and grow within a dynamic and innovative team.

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## EDUCATION

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**University of Zimbabwe** 2021 – July 2025 • Bachelor of Science in Computer Science

**Grade:** 2.1

**Domboramwari High** 2014 - 2019 • GCE Ordinary Level Results (5 passes)

- GCE Advanced Level Results (14/15 Points)
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## SKILLS

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### Technical Skills:

- **Languages:** Python, Java, C++
- **Database:** PostgreSQL
- **Web Technologies:** HTML, CSS, JavaScript (basic knowledge)
- **Tools:** Git, VS Code, PyCharm
- **Development Methodologies:** Agile, Scrum

### Soft Skills:

Analytical thinking, problem-solving, attention to detail, accuracy in data processing, teamwork, and independent work.

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## EXPERIENCE

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### AI Research Intern – AI Lab(May 2023 - August 2024)

- Contributed to the development and deployment of machine learning models using open-source frameworks such as **Hugging Face**, **TensorFlow**, and **PyTorch**. Assisted in fine-tuning pre-trained models for tasks such as text classification, sentiment analysis, and medical diagnosis.
  - Developed and deployed model inference APIs using the **Flask** framework for lightweight applications and **Django** for full-stack integration.
  - Participated in model performance evaluation, optimization, and version control using Git.
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## Projects

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### Artificial Intelligence Powered Medical Recommender System with Telemedicine Support |

[https://github.com/ishazi/Final\\_Year\\_Project](https://github.com/ishazi/Final_Year_Project)

**Name:**Ishmael Chirume  
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ichirume99@gmail.com  
**Date:** 24 July 2025  
**To:** Hiring Manager

RE: Application for Graduate Trainee Computer Scientist Position

Dear Hiring Manager

I am writing to express my keen interest in the Graduate Trainee – Computer Scientist position at your esteemed organization. As a recent Computer Science graduate from the University of Zimbabwe with hands-on experience in AI and full-stack development, I am excited about the opportunity to contribute to your innovative software development team.

During my internship at the AI Lab, I was actively involved in developing and deploying machine learning models using Hugging Face, TensorFlow, and PyTorch. I worked on real-world projects involving model fine-tuning and API deployment using Flask and Django, giving me a strong foundation in both backend development and AI implementation. My experience working in Agile environments and using tools like Git has also sharpened my collaborative and problem-solving skills.

One of my proudest achievements is my final year project, Artificial Intelligence Powered Medical Recommender System with Telemedicine Support, which integrates disease prediction models with video-based telemedicine using ZegoCloud. You can find the full project [here](#). This project reflects my passion for using technology to solve real-world problems and improve access to healthcare especially in underserved communities.

I bring to the role a solid foundation in Python, Java, PostgreSQL, and basic web development, along with a strong willingness to learn and grow under the mentorship of experienced developers. My academic background, technical proficiency, and enthusiasm for innovation make me a strong candidate for this role.

Thank you for considering my application. I would welcome the opportunity to further discuss how my background and skills align with your team's goals. Please feel free to contact me at +267 7606 0788 or via email at [ichirume99@gmail.com](mailto:ichirume99@gmail.com).

Sincerely

Ishmael Chirume