

Ny Haingo MiantSATIANA Andry

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Citizenship Madagascar

RESEARCH INTERESTS

ML for Science, specific interests are using generative ML for biomedical/healthcare or climate change research.

EDUCATION

Sep 2023 – Jun 2024 **M.Sc. in Artificial intelligence for science**
African Institute of Mathematical Sciences (AIMS), Stellenbosch University

- *Title:* Digital Surveillance for Infectious Diseases in Africa through LLMs
- Project with Centre for Epidemic Response & Innovation (CERI), South Africa

Jan 2019 – Feb 2022 **M.Sc. in Physics, High Distinction**
University of Antananarivo, Madagascar

May 2016 – Jan 2019 **B.Sc. in Physics**
University of Antananarivo, Madagascar

AWARDS AND SCHOLARSHIPS

2023 Google DeepMind Scholarship (AIMS South Africa)
2021 DARA Basic Training

TEACHING

2021–2022 Private tutoring, Undergrad Mathematics, Antananarivo

WORKSHOPS

2023 Global 21cm Experiments and Technology, Stellenbosch University, South Africa
2022 Development in Africa with Radio Astronomy Basic Training, GRAO Ghana
2021 5th Azarquiel School of Astronomy, Istanbul Aydın University, Online
2021 NIS CHPC Training, Online

VOLUNTEERING

2019 – 2023 Member of the African Astronomical Society
2019 – 2023 Member of Malagasy Astronomy and Space Society

PUBLIC TALKS

2022 HEPMAD22, Title: Simba: bias parameterization, Antananarivo, Madagascar.
2021 World Space Week event, U.S Embassy, Madagascar.

COMPUTING SKILLS

Python, Machine learning (PyTorch, TensorFlow), Git, Linux

LANGUAGE SKILLS

English Good
French Fluent

REFERENCES

Available upon request.