

# Ny Haingo MiantSATIANA Andry

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Citizenship Madagascar

## RESEARCH INTERESTS

ML for Science, specific interests are biomedical/healthcare research and climate change.

## 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 Azarquel 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 Good  
Torch, Jax Good  
Git Good

## LANGUAGE SKILLS

English Good  
French Fluent

## REFERENCES

Available upon request.