

Haingo Andry

github.com/iamhaingo • iamhaingo.github.io • haingo@aims.ac.za • +27660924467

EDUCATION

African Institute for Mathematical Sciences

M.Sc. in Mathematical Sciences (AI for Science)

“Digital Surveillance of infectious diseases in Africa using LLM”

South Africa

Sept 2023 — July 2024

- Applied Machine Learning
- Natural Language Processing
- Computer Vision

- Reinforcement learning
- CUDA programming
- Cloud and functional programming

University of Antananarivo

M.Sc in Physics

Madagascar

Jan 2019 — Feb 2022

University of Antananarivo

B.Sc in Physics

Madagascar

Jan 2016 — Jan 2019

TECHNICAL SKILLS AND LANGUAGES

Technical: Python, Deep Learning (e.g. PyTorch), CUDA C++, git, Linux, Google Cloud Computing

Language: English, French

AWARDS AND SCHOLARSHIPS

Google DeepMind Scholarship (AI For Science)

DARA Basic Training

2023

2022

TRAINING & WORKSHOP

Global 21cm Experiment Workshop

Development in Africa with radio astronomy

Summer school on Cosmology

5th Azarqui School

CHPC Training

STIA, South Africa, 2023

GRAO, Ghana, 2022

ICTP (online), 2022

Istanbul Univ. (online), 2021

CHPC South Africa (online), 2021

PUBLIC TALKS

HEPMAD22, SIMBA: bias parameterization

World Space Week event

Antananarivo, Madagascar, 2022

U.S Embassy, Madagascar, 2021

VOLUNTEERING

AIMS Siyakhula

African Astronomy Society

Malagasy Astronomy and Space Sciences

2024

2019 – present

2019 – 2023

PROCEEDING

- Haingo Andry (2022), Comparing the neutral hydrogen and the dark matter distributions using a representative mock universe, Paper presented at Hepmad22. Oct 2022. Antananarivo

REFERENCES

Dr. Claire David, Academic Director (AI for Science), AIMS South Africa

claired@aims.ac.za

Dr. Joicy Xavier, Supervisor, UFVJM & Stellenbosch University

joicy@sun.ac.za