Haingo Andry

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Experience

DataProphet   Cape Town, South Africa
Data Scientist Intern   June 2024 — July 2024

GRAO and IOGA,   Ghana/Madagascar
Apprenticeship   2021 — 2022
  - Developed software to analyze data from radio telescopes.

Education

Stellenbosch University,   Cape Town, South Africa
PhD Applied Mathematics   Sept 2024 — present
  - Building AI framework for epidemiology, pathogen phylodynamics and human geography.

Stellenbosch University & African Institute for Mathematical Sciences,   Cape Town, South Africa
M.Sc. in Mathematical Sciences (AI for Science)   Sept 2023 — July 2024
  - Implemented language models to enhance digital surveillance systems for infectious diseases.

University of Antananarivo,   Madagascar
M.Sc. Physics   2016 — 2022

Awards and Scholarships

Academic Excellence Award AIMS South Africa	2024
Google DeepMind Scholarship	2023
DARA Basic Training	2022

Training & Workshop

Global 21cm Experiment Workshop	STIA, South Africa, 2023
Development in Africa with radio astronomy	GRAO, Ghana, 2022
Summer school on Cosmology	ICTP (online), 2022
5th Azarquiel School	Istanbul Univ. (online), 2021
CHPC Training	CHPC South Africa (online), 2021

Technical skills and languages

Technical: Python, Deep Learning (PyTorch), CUDA, git, Linux, Google Cloud Computing
Language: English, French