

PERSONAL INFORMATION **Andriamarolahy Rabetokotany**

📍 Km2 route de Joal (Centre IRD) Mbour-Senegal

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Gender Male | Date of birth 24 January 1993 | Nationality Malagasy

WORK EXPERIENCE**Nov 26 – Dec 7, 2018 SEAMS Workshop v4**

Muizenberg, Cape Town-South Africa.

Participant for Software Engineering for Applied Mathematical Sciences (SEAMS 2018).
Learning different skills in Software Engineering:

- Project Design & Planning
- Workspace Organization & Tools
- Reuse & Reusability
- Input & Output (IO)
- High Performance Computing.

May 2018 – Nov 2018 Internship

Orange & Sonatel Senegal, Dakar (Senegal)

- working as a team to build an image recognition platform that able to extract automatically the personal information from the clients ID cards by using machine learning and computer vision techniques.
- contributing to the daily stand-up meeting for practicing the methodology agile.

Dec 2017 Seminar & Workshop

African Institute for Mathematical Sciences, Mbour (Senegal).

- Learning risk measures in financial mathematics.
- Attending a seminar of AI Masterclass & Developer Circles Dakar:facebook for developers.

Oct 2016 Conference

Rue Fernand KASANGA Tsimbazaza, Antananarivo (Madagascar).

- Attending the 8th High Energy Physics International Conference.
- Learning new thing from international participants.

EDUCATION AND TRAINING**Sep 2017 – Feb 2019 Masters - Thesis Title: 'Robust Machine Learning with imbalanced data: Expanding mixup'**

African Institute for Mathematical Sciences, Senegal

2014–2015 Bachelor of Science in Applied Physics

University of Antananarivo, Madagascar

- Introduction to the study of signal by using MATLAB.
- Introduction to programming in C applying to electronic.

PERSONAL SKILLS

Mother tongue Malagasy

Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
French	C2	C2	B2	C1	C2
English	C1	C1	B2	B2	C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user

Communication skills

- team work: I have worked in various types of teams from research team to professional team.
- intercultural skills: I am experienced at interacting with new people with different culture.

Computer skills

- Python: advanced
- JAVA: basic
- Linux: independent user
- Git: independent user

Technical skills

- Statistics & Probability
- Calculus
- Linear Algebra

Other skills

- Self-educated
- Fast learner
- Methodology agile

ADDITIONAL INFORMATION

Interests

- Technologies: Artificial Intelligence, Machine Learning, Computer Vision, Natural Language Processing.
- Books: Starting from story up to scientific papers.
- Travel: Discover new places and cultures.