

CURRICULUM VITAE

PERSONAL INFORMATION

Title :	Expert Junior Environmentalist
Name :	RANDRIANIAINA Heritiana Alexis
Date of birth :	12/07/1990
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Residence Address :	Antananarivo
Nationality/Country of residence :	Malagasy/Madagascar

EDUCATION

2016 – 2018 : Erasmus mundus Master' s degree in environmental science, specialized in Tropical Biodiversity and Ecosystems (TROPIMUNDO). In consortium between the Université libre de Bruxelles, Vrije Universiteit Brussel and the National Museum of Natural History in Paris.

2011 – 2015 : Bachelor' s degree (Four years) in Agricultural science, specialized in Soil and Water Sciences. University of Alexandria (Egypt).

2005 – 2008 : High school degree. Scientific section « Série D ». Lycée Raherivelo Ramamonjy, Fianarantsoa.

TRAINING

2017 : Training in coastal and marine natural resource monitoring (Mangroves, coral reefs, marine mammals, sea turtles). Institut of Oceanography in the University of Malaysia Terengganu in Malaysia.

2019 : Training in environmental evaluation of development projects and programmes. Certificate delivered by Senghor University and the Francophone Institute for Sustainable Development (IFDD).

2020 : Training in geographical information system using QGIS software.

LANGUAGE

Language	Writing	Speaking	Listening	Reading
English	Very good	Very good	Very good	Excellent
French	Very good	Very good	Excellent	Excellent
Deutsch	Basic	Basic	Basic	Basic

TOTAL NUMBER OF EXPERIENCE

Approximately (04) years

CURRENT POSITION

Environmental program officer at Madexpertise International

KEY QUALIFICATION AND SKILLS

- Experience in natural resource management/ environmental conservation sectors
- Enhanced experience in qualitative and quantitative data collection (Literature review, interviews, survey, focus groups, field measurement) and data analysis.
- Experience in Environmental and Social Impact Assessment fields (ESIA).
- Strong understanding of project monitoring & evaluation system (Results chain – Logframe – M&E plan - Performance and impact evaluation).
- Expertise in development strategic planification (Diagnostic – SWOT Analysis – Stakeholder consultation to determine the vision, strategic objectives, orientations and axes - identifying priorities actions – establishing an action plan).
- Knowledge of remote sensing and geographic information system using QGis and statistical data analysis using R-studio and Excel spreadsheet.
- Ability to use the Microsoft office applications (Word, Excel, PowerPoint, Outlook) and internet-based tasks (Researching for information, sending and receiving e-mail, sharing data etc)
- Excellent interpersonal skills (flexibility and teamwork)

PROFESSIONAL WORK EXPERIENCE

Period	Name of the employer, professional title/position	Country	Summary of the activities/tasks
Mai 2021 – till present	Madexpertise International <i>(Environmental) Program Officer</i>	Madagascar	<p>Carrying out a backstopping of projects financed by international donors :</p> <ul style="list-style-type: none"> - Environmental and social impacts assessment of the project Twige Neza in Burundi : <ul style="list-style-type: none"> ➤ Revizing the environmental and social management framework (ESMF) of the project ➤ Analysis the environmental and social management plan (ESMP) ➤ Analysing the context and the most relevant environmental and social issues (Risks of displacement, Security and conflict, vulnerable groups etc) ➤ Refining environmental and social impact indicators ➤ Writing the terms of reference for field ESIA implementation - Urban city diagnostic. Case of Antananarivo City <ul style="list-style-type: none"> ➤ Collecting primary and secondary data relevant to urbain sustainability, environment and resiliency indicators. ➤ Consulting stakeholders and participating in meetings and conferences ➤ Contribution in writing reports <p>Others tasks include :</p> <ul style="list-style-type: none"> - Project design, planning and monitoring : <ul style="list-style-type: none"> ➤ Market studies and assessment of the cashew apple to support the natural resource management and conservation in Madagascar ➤ Value chain analysis of bambou, raphia and Avicennia under the project valuation of non-woody forest products in Madagascar - Contribution in writing project evaluation proposals : <ul style="list-style-type: none"> ➤ Evaluation of the project Twige Neza ➤ Evaluation of the cooperation programme between Niger – Unicef (2019-2022).

Mars 2021 – Mai 2021	Vohitra Environnement Project Assistant	Madagascar	<p>Vohitra Environment is a waste treatment company in Antananarivo. As a project assistant, I carried out mainly the following tasks :</p> <ul style="list-style-type: none"> - Technical assistance in conducting an environmental and social impact assessment of the different waste treatment activities (Composting, incineration, sewage sludge, methanisation, chemical waste treatment) ; - Valuation of the organic wastes for reforestation in order to mitigate climate change and for agricultural soil remediation; - Contributing in the conceptualization and establishment of a communication strategy ; - Writing a proposal for advocacy strategies regarding industrial waste treatment and management.
Dec 2020 – Feb 2021	Social Enterprise – Improving livelihoods through opportunity (SEILO) in collaboration with SSRC or Social Science Research Council Research Assistant	Madagascar	<p>For the research project " Transformative social innovations of traditional small-scale fisheries in the west region of Madagascar initiated by the Social Science Research Council, I was involved in the following activities :</p> <ul style="list-style-type: none"> - Preparation of data collection tools (Survey questionnaire and interview guide) - Conducting in-depth literature review: governance assessment (Legal and policy framework + institutional arrangement + natural resource management + fishery management) - Fieldwork at different locations : Survey and stakeholder interviews in addition to field observation - Social assessment impacts of the different activities and projects by divers partners - Data compilation, analysis and interpretation - Providing recommendations - Report writing
June 2020 - Till present	Social Enterprise – Improving livelihoods through opportunity (SEILO) Volunteer Representative	Madagascar	<p>Community support in Canada and in Madagascar through innovative projects and promote the sustainable use of natural resources, particularly through education and environmental awareness, ecological friendly actions. As a representative of the volunteers, my main roles are:</p> <ul style="list-style-type: none"> - Working in close collaboration with the director and the volunteer members of SEILO

			<ul style="list-style-type: none"> - Recruiting volunteers - Organize, coordinate and participate in volunteer activities (workshops, webinars, recreational activities such as tree planting, environmental awareness, etc.). - Monitoring volunteer activities.
July. 2019 – Aug. 2019	Seed Madagascar NGO <i>Recruitment process for Lobster fisheries management</i>	Madagascar	I drafted a small-scale fisheries management plan with Seed Madagascar Organisation. The following tasks were included: <ul style="list-style-type: none"> - Rapid assessment of the current situation regarding the lobster fishery (Lobster stock assessment - fieldwork for data collection, data analysis and reporting) ; - Developing a fishery management plan that includes some entry level activities to run with the community and the fishers – including : <ul style="list-style-type: none"> ➤ Meeting with the communities and other stakeholders ; ➤ Establishing a fishing management committee ; ➤ Developing alternative activities, Community motivation, capacity building and education Program ; ➤ Management actions such as establishing a marine protected area (No-take area) - restriction or harvest control in the managed marine area - enforcement of the rules and regulations ; ➤ Monitoring and evaluation of the activities.
Sept 2018 – Dec 2019	Essilor-Luxottica/Idemia/Crédit Foncier de France Assistant Help Desk		Carrying out IT help desk with different companies in Paris as part of service contracts : <ul style="list-style-type: none"> - Participating in different training for companies' IT technologies - Training users in using innovative technologies (New operating softwares for presentation, meetings, virtual collaboration, file exchange etc) - Providing technical assistance to users - Windows 8 and 10 deployment - Computeur settings for tele-working - Installing applications and softwares - Installing audio-visio equipment system

Feb. 2018 - Jun. 2018	ONG Honko-Reef Doctor Scientific researcher	Madagascar	<p>Natural resource management : evaluation of the effectiveness of mangrove forest management by the local communities in the Southwest Madagascar :</p> <ul style="list-style-type: none"> - Writing the project proposal which included the justification, aim and objectifs of the proposed study. In addition to the methodology, work plan and budget. - Literature review (legal framework, project documents and all other relevant documents) - Streamline of evaluation criteria and questions - Selection and identification of pertinent indicators - Field data collection (Survey, interviews, field measurement, field observation) - Data analysis, interpretation with comparative analysis. - Recommendations for good practices of sustainable mangrove forest management
Mar. 2015 – Mai 2015	Abis farm in Alexandria Insternship	Egypt	<p>Evaluation of the sol fertility of the abis farm in Alexandria with the following tasks :</p> <ul style="list-style-type: none"> - Historical site survey to assess the impacts of former industrial and agricultural activities. - Field identification of soil layers - Soil sampling and sample preparation in the lab - Analysis of the physico-chemical characteristics including : Texture, Density, pH, Fe, K, Mg, Cu, N) - Mapping of the soil fertility according to the distribution and the amont of soil nutrients - Presentation of the results

REFERENCES :

Name	Organization	Contact
AGRISTOLA Josephine	Technical Assistant of the project AFAFI-NORD AF/GIZ	josephine.agristola@giz.de/ +261 32 05 426 49
RAKOTONDRAZAFY Sariaka	Founder and director of Social Enterprise Improving Lives through Opprotuniies	sariaka@ilo-socialenterprise.com
RAFANOMEZANA Thierry	Coordinator of the project Honko-ReefDoctor, Toliara	thierryesalo@gmail.com/+261344333875