ANDRIAMAHAIHAVANA Mc Antonin
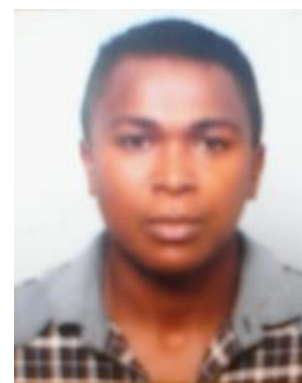Né le 09 septembre 1991 à HJRA Antananarivo
Nationalité : Malagasy
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Situation : Célibataire

Cursus universitaire

2015-2016 **Master I en Sciences et Technologies**
Parcours : Biologie de la Conservation Animale
Université d'Antananarivo, Département de Biologie Animale

2014-2015 **Diplôme licence en Biologie des organismes et de l'écosystème (B.O.E) Université d'Antananarivo**
Spécialité : Biologie Animale

2012-2013 **Diplôme universitaire d'études scientifiques (DUES 2)**
Filière : Sciences naturelles
Université d'Antananarivo

2011-2012 **Diplôme universitaire d'études scientifiques (DUES 1)**
Filière : Sciences naturelles
Université d'Antananarivo

2010-2011 **Diplôme de Bachelier de l'Enseignement Secondaire**
Série : D
Lycée Imito Fandriana

Expériences

Juin 2017   Inventaire biologique dans une réserve spéciale d'Ambohitantely.
Groupe des Animaux : Herpetofaunes, micromammifères, oiseaux, insectes

Août 2017   formation en Darwin Core : Base de données primaires sur la Biodiversité au département de Biologie Animal université d'Antananarivo.

Septembre 2017   Assistant de Recherche à Andranobe dans une Parc Nationale Masoala
-Février 2018   Groupe des Animaux : Primates nocturnes et diurnes

Mars 2018   Assistant de Recherche, Gestionnaire du campement, à Andranobe dans
- Juin 2018   une Parc Nationale Masoala
Groupe des Animaux : Primates nocturnes et diurnes

Juillet 2018   Workshop seed dispersal à Parc Nationale d`Andasibe

Compétences

Compétences informatiques
- Microsoft Office Pack (Word, Excel, PowerPoint, Access, Publisher, Project): Bonne maitrise
- Program R: Bonne maîtrise
- Program SYSTAT : Bonne maitrise
- Logiciels SIG (Arc Gis, QGIS): Bonne maîtrise
- Logiciel SMART (Projet de conservation) : Bonne maitrise
- Logiciel Open refine (logiciel libre, Technique de nettoyage de données) : Bonne maitrise

Compétences linguistiques
- **Malagasy :** Langue maternelle
- **Français :** Bonne expression écrite et orale
- **Anglais :** Bonne expression écrite et orale

Autres
- Capacité de travailler individuellement et/ou en équipe
- Natation

An Abstract describing a current or planned research project that incorporates modeling

I am very interested in primates, Lemurs are the best known endemic fauna of Madagascar because they are 100% endemic and play an important role as lighthouses but not only for conservation, They are among the animals the Most famous of Madagascar Currently, the forests of Madagascar are threatened by different anthropogenic pressure leading to fragmentation of many natural forests, The frugivorous lemurs play important roles for forest regeneration in Madagascar. Lemurs depend on forests, so their lives are particularly threatened by deforestation and degradation of their natural habitat habitats. Forest gaps caused by falling trees represent the most frequent natural disturbances in tropical forests, leading to structurally heterogeneous patches in the forest matrix or undisturbed forest. Natural disturbances contribute to species diversity by providing greater structural heterogeneity and a variety of their habitat. My current research project is to determine the effect of canopy gaps on lemur density, lifestyles, diet, and behavior.

A Statement of Interest and Intent indicating how the experience of attending this workshop would enhance your short-term and long-term research goals

I am a biologist, the biodiversity of Madagascar will disappear after a few years if we will just watch them destroy themselves, biodiversity are living beings just like humanity, they need protection and the scientific could do something for their protection and their management. As a researcher, I need to learn a lot. The participation of this workshop will bring good ideas for my outstanding project and could teach me how to refine my frying model-based research questions, to develop clear model frameworks and the corresponding equations, and to adapt the models to real data. I am a young researcher, I did not have much experience, so interaction with other researchers, students and experienced professor could improve my research ability because the relationship also are very important for the scientific. I had already collected data on my project and for the other researcher project but it was not enough for me, I need a lot of experiences to become a great researcher, this participation could teach me good ideas to collect reliable and better data and analysis in the biological system for my next research project. I am very interested to continue my research for the protection of the biodiversity and especially the Primates but I am not smart enough to know where could I find the funds to finance my project and of how to reach this stage, the participation at this workshop could tell me the steps that must be taken to reach this stage. So we can say that this workshop is a good experience for the protection of biodiversity. I used the R program to analyze the data of my project but I did not have enough experience to analyze different types of data on this program, I need to know what the keys to using this program are, I need to deepen my knowledge on R. I never use other programs like Python, Octave, and... So this workshop could tell me how to use these programming and what can be used with. In short, this workshop is very essential for me to improve my knowledge, my experience and my ability as a scientist and researcher. Thank you for organizing this workshop.