

## RAKOTOZANDRY TAFITASOANIAINA (Tafita) CHRISTIANY

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### EDUCATION

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#### LAFAYETTE COLLEGE

Electrical and Computer Engineering (GPA:3.5)

*Aug 2018-Present*

#### ECOLE SUPERIEURE POLYTECHNIQUE D'ANTANANARIVO (ESPA)

Energy study

*Mar 2015- Jun 2018*

#### LYCEE ANDOHALO ANTANANARIVO

*Oct 2011-Aug 2014*

### ADDITIONAL TRAINING

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#### CAMP EXCELL PROGRAM

*Antananarivo, Aug 2015*

- Leadership and Community Service training camp

#### YOUNG AFRICAN LEADERS INITIATIVE (YALI)

*Antananarivo, Mai 2014*

- Online course aiming in understanding climate change

### SKILLS

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Familiar with the programming languages: Processing, Python, Java, C++, SQL, HTML, CSS

Mathematical and Statistical software: MATLAB and Mathematica

Fluent in English, French and Malagasy

### PROFESSIONAL EXPERIENCES

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#### Library Student Assistant, Skillman library

*Dec 2018-Present*

Facilitate access to information and other resources to students and faculty.

Sort, organize, shelve, shift books and the other resources of the library

#### User Service Technician, Lafayette College

*Aug 2018-Present*

Assist students and professor in trouble shooting IT and other electronic devices on the campus with the ITS team

#### Intern, Laboratory for Analysis and Architecture of Systems

*Feb 2018-Mai 2018*

Developed an application web to monitor the Uninterruptable Power Supplies of the laboratory with a team of engineers

### VOLUNTEERING

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#### President of the Communications Committee of LIME

*Antananarivo, Sept 2014-Sept 2015*

Coordinated a weekly meeting with Lafayette Initiative for Malagasy Education students and professors with my team.

Organized social events with members and guests.

#### Volunteer in Excel Foundation

*Antananarivo, Aug 2015, Aug 2018*

Took part in fundraising to share gift to underprivileged children during Christmas time.

Worked with a team to sensitize parents and children to get education in school

#### Tutor in NGO Miezaka

*Antananarivo, Feb 2015, Aug 2018*

Tutor kids in Andranovory Miezaka primary school to learn counting and writing

Kept informed the NGO Miezaka team in France about the events and projects in the school

### PERSONAL RESEARCH

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#### Piezoelectric shoe generator,

*Antananarivo, Oct 2015-Present*

- Designed a prototype of a shoe that generates electricity from walking using piezo transducers.