

# TAFITA RAKOTOZANDRY

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Website: <https://rakotozt.github.io/about/>



## EDUCATION

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- Aug. 2018-Present
  - **LAFAYETTE COLLEGE**, Easton PA  
Electrical and Computer Engineering (Sophomore)
- Mar. 2015-Jul. 2018
  - **ECOLE SUPERIEURE POLYTECHNIQUE**, Madagascar  
Licence in Electrical Engineering

## EXPERIENCES

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- Student-Researcher, Lafayette College, USA** May 2019-Jul. 2019
  - Led a research on the effect of electricity access on school results (case Madagascar) through the *Digital Humanities Summer Scholar* program
- Technology Assistant, ITS Department, USA** Aug. 2018-Dec. 2019
  - Offered a technical support to students and professors having technology and computer related problems
- Library Assistant, Skillman Library, USA** Jan. 2019-May 2019
  - Assisted the library department to supervise the e-books and hard copy books to facilitate the use of the students and professors
- Monitoring System Intern Developer, LAAS, France** Feb. 2018-May 2018
  - Coded programs that allow servers and uninterruptible power supplies (UPS) to exchange data as well as a web application to supervise the UPS

## SKILLS

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- Programming Languages: C++, SQL, Java et Python
- Theoretical knowledge on electrical and computer network
- Good communication skills and teamwork
- Fluent in Malagasy, English, French and intermediate in German

## PROJECTS

(Please visit my personal website to consult more projects)

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- Drone Flight Automatisations Lafayette College** Jan. 2019-May 2019
  - Analyzed different trajectory models of a drone and implemented the model through programming
- Raspberry Pi Miezaka, Madagascar** Jul. 2017-Aug. 2018
  - Developed a mini solar computer from scratch using Raspberry Pi for an educative purpose on rural places devoid of electricity

## LEADERSHIP

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- LIME Mentor, Lafayette College** Dec. 2019-Jan 2020
  - Participated to a peer to peer program between Lafayette College and Lycée Andohalo Antananarivo to help high school students to apply in College in the United States
- International Student Peer Advisor, Lafayette College** Aug. 2019-Sep. 2019
  - Organized an orientation for new coming international students to help them to transition to College in the United States