VICTOR RAKOTONDRANORO

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GITHUB:
https://github.com/Viciiiz

PORTFOLIO:
https://viciiiz.github.io/

EDUCATION

Loyola University, Chicago, IL.
Major: Bachelor's in Software Engineering – Department of Computer Science.
Expected Graduation: May 2022

High-School: Lycée Français de Chicago, IL, Class of 2018
Major: Mathematics, Physics, Chemistry and Biology.

EXPERIENCE

Lycée Français de Chicago, Chicago, IL, November 2017- June 2018
- Tutoring: trained several high school students to master mathematical bases on a weekly basis.

PROJECTS

Course:
- Coded Tetris and a crossword game using Java.
- Designed a web server hosted by Apache on the Raspberry Pi using HTML, CSS, Python and PHP. The web server monitored a camera connected to the Pi with an ultrasonic sensor. When an object or person is detected, the Pi would post a picture of the object on the web server and notify me by text message.

Personal:
- Programmed a simple calculator application using Java and Android Studio.
- Wrote a program C++ to make a daily planner to increase productivity. This project helped me improve my file handling skills.
- Built a robot hand that can be wirelessly controlled with a Bluetooth module, using servo motors and the Arduino programming language. All the parts used were modeled on Fusion 360 and 3D printed.

SKILLS

Programming:
- Proficient: Java, C++
- Familiar: Python, C, C#
- Beginner: HTML, CSS, XML, SQL, PHP

Other:
- Arduino, Raspberry Pi, Linux, Git, TensorFlow, 3D modeling & 3D printing, Electronics

Platform & IDEs:
- IntelliJ, PyCharm, VS Code, Visual Studio, CodeBlocks, Android Studio, Eclipse, Ubuntu, GitHub, Linux, Windows, MySQL, Fusion 360, Microsoft Office

Languages:
- Fluent in French & Malagasy (both native)

Personal:
- Fast learner, adapt quickly to change, positive, organized, time management.

PERSONAL INTERESTS AND HOBBIES:

- Curiosity in everything that touches technology. (Web applications, robotics, astronomy, physics, chemistry, aviation, artificial intelligence, …).
- Fiction movies and series where tech is involved (ex: Iron Man).
- Anime, basketball, soccer, volleyball, parkour, biking.