# Victor Rakotondranoro

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## EDUCATION

**Loyola University Chicago**, Chicago, IL. *August 2018 - Present*
Bachelor's in Software Engineering, Expected May 2022. GPA: 3.8

**Lycée Français de Chicago**, Chicago, IL. *August 2017 - June 2018*
Majored in Mathematics, Physics, Chemistry and Biology. GPA:4.0

## LINKS

- GitHub: https://github.com/viciiiz
- Portfolio: https://viciiiz.github.io
- LinkedIn: https://www.linkedin.com/in/victor-rakotondranoro

## SKILLS

*Programming Languages*:

- Proficient: Java, C, C++, Python.
- Familiar: HTML5, CSS3, JavaScript, PHP, Groovy for Jenkins.
- Beginner: SQL, XML, Kotlin, Assembly.

*Platforms, Frameworks, and Other*: GCP, Kubernetes, Helm, Apigee, Jenkins, MongoDB, React Native, React, Firebase, Arduino, Raspberry Pi, Linux, Git, 3D modeling & 3D printing, Electronics, Robotics, Android Studio, Fusion360, Atlassian Stack (Bitbucket, Jira, Opsgenie, Confluence).

*Languages*: Fluent in French and Malagasy (both native)

## EXPERIENCE:

**Zoro Tools, Inc.** Chicago, IL.
DevOps Intern, September 2021 – Present

- Assisted and worked on team's Jira tickets to meet the goals of the sprints. A ticket involved converting an App Engine app to Kubernetes. A Jenkins deployment pipeline was created to build, test, and deploy the application to Kubernetes each time a commit is made. The application runs as a microservice which required the creation of Uptime Checks on GCP as well as buckets on GCS.
- Investigated Service Desk to make the on-call work more efficient; Automated common requests/incidents with Jenkins pipelines written in Groovy. This automation makes the on-call work more manageable.

**Loyola University Chicago**, Chicago, IL.
Tutor in Programming, September 2021 – Present

- Helped peers to structure homework and exam problems and instructed peers to have a better understanding of concepts such as OOP, Discrete Structure Mathematics, and more.

**Calypso-B, Start-up**, Chicago, IL.
Software Engineer Intern, February 2021 – August 2021

- Developed the front-end of the start-up's website using HTML5, CSS3, and JavaScript.
- Designed the 3D model of various products in Fusion 360 and Blender. One of the models can be viewed and controlled under the product section of the website.
- Programmed microcontrollers in C to share data via Bluetooth and NFC, which went into the end product.

## PROJECTS:

**Loyola University Chicago**, Chicago, IL.
Banking Mobile Application, Spring 2021

- Developed a cross-platform micro-lending app in team using JavaScript, React-Native, and Expo.
- Implemented queries and writes to Google Firebase's real-time database.

**Personal Project**, Chicago, IL.
RC Car, Spring 2021

- Created a remote-controlled car that can be controlled via the Raspberry Pi's Apache Web server. The Arduino interface is in-progress.
- Modeled and designed the car on Fusion 360. All the parts are 3D-printed.