

# Hollyn Derisse

Generalist Software Engineer

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## SUMMARY

My strong suits are JavaScript development, PHP development, microservices pattern and IoT in both industry and academia. Over the next few years, I intend to develop as a generalist software engineer. For that, I have learned modern C++, Python, frontend technologies, data engineers, Devops, software architecture and product management as well.

## WORK

### IoT | Blockchain Internship / Jun 2021 - February 2022

#### MIS Labs - Hanoi, VN

Worked on a system based on micro-service architecture to facilitate the integration of any IoT device in a chain supply with guarantee of integrity of data with blockchain.

JavaScript + ReactJS   JavaScript + NodeJS   MongoDB  
Ethereum + Solidity   Docker   Jenkins   Kubernetes

### Software Engineer / Oct 2020 - Jun 2021

#### bogo.vn - Hanoi, VN

Worked as back-end developer in PHP and JavaScript on a system that helps people find discount online and a web search application - from design to production.

Jenkins   DigitalOcean   SSH   Git   PHP + Laravel  
JavaScript + NodeJS   JavaScript + Angular

### FullStack Developer / Jun 2019 - Sep 2020

#### VMO Holding - Hanoi, VN

Worked on miscellaneous large scale mobile and web applications as back-end and front-end developer.

Swift + XCode   PHP + Laravel   JavaScript + NodeJS  
HTML/CSS   PHP + Symfony

### FullStack Developer / Feb 2017 - Oct 2018

#### WYZDEV S.A. - Port-au-Prince, HT

Worked as back-end and mobile developer.

PHP + CakePHP   Java + Android

### Miscellaneous / Feb 2015 - Oct 2016

Worked at different organizations, including my own non-profit startup. Focused on web and mobile development and of Agile Project Management.

Java + Android   Python + Django   PHP   HTML + CSS

## SKILLS

**Languages:** Python, C++, C, JavaScript, HTML, CSS, PHP, Solidity, Java

**Tools:** OpenCV, NumPy, Pandas, Flask, MQTT, Docker, Jenkins, NestJS, Mocha, Angular, ReactJS, ReactNative, Arduino, microPython

**Other:** Version Control, Web, Data science and ML, IoT, Embedded System

## OTHER PROJECTS

- Extraction of information from insurance card - **Computer Vision**.
- Image search and classification - **CNN, openCV**.

## EDUCATION

### Digital content engineering - 2020

Master2, La Rochelle Université - Hanoi, VN

**Thesis** Image search and indexing using CNN approach

### Intelligent System and Multimedia - 2019

Master, Vietnam National University - Hanoi, VN

**Thesis** Design and development of an API that facilitates the integration of new sensors into an existing IoT platform in a blockchain-based supply chain

### Computer Science - 2016

École Supérieure d'Infotronique d'Haiti - PAP, HT

**Thesis** Management system of a movie rental business

## AWARDS

- The **BEST IDEA** in blockchain Hackathon in 2019.
- Half scholarship in Master studies.
- Champion in Haiti Hackastory 2016 (hackathon).

## ACTIVITIES / INTERESTS

Proactive about learning diverse things and happy to discuss those. Favorite physical activities would be cycling.