

## 👤 CAREER PROFILE

I'm a person who likes to learn and teach, always learning to use a new programming language, a framework, library or some electronic device that allows me to create useful or simply fun things. I do not consider myself an expert in anything, but if you must learn something to achieve the objectives of the project or improve things for everyone, I will surely put all my effort into learning it well, teaching it to my team and putting it into practice. This is some of my projects [below](#). So, may be we can work together!

## 📁 EXPERIENCES

**Funder DigData** 2019 - Present  
This is an entrepreneur project that seeks to facilitate the use of new technologies for better management of information produced in the Dominican Republic. Given the country's need to improve its technology infrastructure in relation to education and production.

**Professor** 2018 - Present  
[CEMAS Fe y Alegría, La Vega, Dom. Rep.](#)  
To teach the subjects in: - Programmable Logic Controls (PLC with Arduino) - Development of applications (Nodejs and Reactjs) - Computer Networks. - Build a program of theoretical and laboratory classes. - Supervise students' learning processes and motivate their development of new skills. - To strengthen the collaboration and empathy between work teams in educational projects.

**Professor** 2016 - Present  
[UCATECI, La Vega, Dom. Rep.](#)  
To teach the subjects in: - Structured Algorithms with Python. - Digital Electronics and Boolean Algebra with VHDL, FPGA in IceZUM Alhambra and Icestudio. - Build programs of university subjects for laboratory and theoretical classes.

**Software Developer for Big Data Applications** 2015 - 2016  
[AYSCOM celular de servicios SL, Madrid, Spain](#)  
Develop an application of grouping and processing of data using distributed systems such as Apache Hadoop and Apache Storm. - Java and JavaScript programming language. - Version control systems with GIT. - Software project management and comprehension tool with Apache Maven. - Restful API with Nodejs and Expressjs. - Agile methodologies with Scrum.

**Sub-contracted Tele-measurement Data Analyst** 2012 - 2014  
[EDENORTE and Electrical Equipment Supplier, Santiago, Dom. Rep.](#)  
Data analysis for electrical fraud detection using telemetered measurement systems. - Use of advanced Data Analysis Tools. - Supervision of fraud detection technical team, 2 technicians under supervision. - Report of electric frauds for judicial cases - Supervision of infra structure of measurement in field, maintenance of the same. - Creation and identification of statistical models for common fraud.

## 📜 CERTIFICATIONS AND PERSONAL PROJECTS

Projects, To get general information about certifications and private project or not-finished projects.

### DigData Projects

Digital Register for school grades - I am currently working on a personal project, consisting of a system of management of school grades that works in a distributed manner throughout the territory of the Dominican Republic. For this project I am using React JS and React Native in the front part and in the backend I use Nodejs, Apollo JS, GraphQL, Apache Hadoop as file system, Apache Cassandra as a distributed database system and Apache



## Lizandro J. Ramírez Difo

Software Developer | Big Data |  
Enthusiastic Data Scientist | IoT  
| Professor | React | Node |  
Python | Java

✉ [lizandro23difo@gmail.com](mailto:lizandro23difo@gmail.com)

☎ +1 (809) 451 2557

in [linkedin.com/in/lizandro23difo/](https://www.linkedin.com/in/lizandro23difo/)

🐙 [github.com/difo23](https://github.com/difo23)

🐦 [twitter.com/lizandro23difo](https://twitter.com/lizandro23difo)

## EDUCATION

**Master's Degree in Distributed and Embedded Systems Software**  
**Universidad Politécnica de Madrid (UPM)**  
2014 - 2016

**Degree in Telematics Engineer**  
**Pontificia Universidad Católica Madre y Maestra (PUCMM)**  
2007 - 2012

**Degree Technical for industrial electronics specialty communications**  
**Instituto Politécnico Loyola (IPL)**  
2003 - 2006

## LANGUAGES

Spanish (Native)

English (Professional)

French (Beginner)

## INTERESTS

Statistics

Spark with python libraries for data processing.

Digital pattern for town councils - This is another project that I am doing in DigData. It consists of a system of residents' registration for the town councils, the main idea is to gather and facilitate the management of the services of the town hall and maintain statistics of population growth. The technologies and architecture used for this project are similar to the Digital Register project for school grades.

Education

Data Science

Nutrition

Electronics

Lecture

## Certifications & Courses

[Curso Completo de Python 2019 ¡Desde Cero Hasta Experto!](#) - Udemy - UC-E7MF0WG1 - 2019.5

[Data Science with Plotly, NumPy, Matplotlib, and Pandas](#) - UDEMY - UC-A4FCLUN9 - 2019.5

[Data Science R Basics](#) - DataCamp - #9597901 - 2019.5

[Node JS: De cero a experto](#) - Udemy - UC-IZOREZL3 - 2019.4

[Visual Studio Code: Mejora tu velocidad para codificar](#) - Udemy - UC-7GBH4OSO - 2019.4

[JavaScript Tutorial](#) - SoloLearn - #1024-7718035 - 2018.6

[Python 3 Tutorial](#) - SoloLearn - #1073-7718035 - 2018.5

[Apache Spark with Scala - Learn Spark from a Big Data Guru](#) - Udemy - UC-GX88UZA0 - 2018.5

[Curso en linea Scrum Master +Revolucion agil + Liderar Equipos Scrum](#) - Udemy - UC-HF08IE1K - 2018.3

[React JS + Redux + ES6. Completo ¡De 0 a experto!](#) - Udemy - UC-4YVQT46C - 2018.2

[Certificate in University Teaching](#) - UCATECI - 2017.11

[Immersion English program for competitiveness \(830 Hours\)](#) - MESCyT - 2017.11

[Certificate in Teacher Qualification](#) - UAPA - 2017.11

## 🔧 SKILLS & PROFICIENCY

Javascript   ReactJS   ReactNative   Redux   Webpack   Npm/Yarn

Git   Java   MongoDB   Design Patterns   SOLID PRINCIPLES

Apache Cassandra   Apache Spark   GraphQL   API REST

Big O analysis   Node   Scala   Funtional Programing   Python

Conda   Jupiter   Python for Data Science   R and Rstudio   MariaDB

SQLite   Apache Storm   Arduino   Raspberry Pi   FPGA

Micro Controlers   PLC   Apache Pig   Pandas   NumPy   MatPloitLib

Statistic   Ubuntu Server   Electronics   Networking with Cisco

Project Manager