



STEPHANYA CASANOVA-MARROQUIN

SOFTWARE ENGINEER

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[savacano28.github.io](https://github.com/savacano28)

🌐 Colombia, work permit in France until 03/2024

TECH STACK

Java (Spring) Angularjs Html CSS
SQL Postgres Es Influxdb Mongodb
Bash Git Docker Vagrant OpenStack
Spark Hadoop Hive Flume Pig Zeppelin Talend
Tableau PowerBI Hortonworks
SCRUM V

EDUCATION & TRAINING

Professional Master in BIG DATA & BI (CE)
Université Lumière II

09-2020 ONGOING 🌐 Lyon, FR

Master in Information technology & WEB
Université Claude Bernard I

09-2017 09-2018 🌐 Lyon, FR

Electronic Engineering
Universidad del Valle

09-2011 07-2016 🌐 Cali, COL

Continuing Education

Formation ITIL V4 Foundation
Machine Learning - Coursera
The Ultimate Hand-on Hadoop - Udemy
The Data Science Course - Udemy

Languages

Spanish Native
French Full Professional
English Professional Working
Deutsch Elementary

ACHIEVEMENTS

🏆 **2016** - Scholarship for postgraduate studies in France sponsored by the French Embassy and the Colombian Ministry of Education

HOBBIES AND INTERESTS

🚴 Biking and hiking
🌐 Community service : Rotary International
📖 Literature
🍽 Dishes around the world is my passion!

WORK EXPERIENCE

SOFTWARE ENGINEER

TECH'advantage SA 10-2018 ONGOING 🌐 Lyon, FR

Projects :

1. Feed up a serial database influxDB with data from a battery cell : **InfluxDB, java, HtmlUnit.** (10/2018-11/2018)
2. Construction of an energy optimizer system for buildings which integrate different energy sources like: batteries, solar panels, local grid : **Spring, AngularJS, ES, git.** (11/2018 - 05/2019)
3. Participating in different activities in an information system for libraries in France : -developing of new features (data indexation in ES, training management, information retrieval avec OAI-PMH), -solving bugs, -code documentation, -testing, -refactoring : **Spring, AngularJS, postgres, ES, git.** (05/2019 ongoing)

Tools : Spring, JUnit, Hibernate, SQL: postgres, NoSQL: ES, InfluxDB, mongoDB, Angularjs, Git, JHipster, SCRUM

ML RESEARCH INTERN

TECH'advantage SA 03-2018 10-2018 🌐 Lyon, FR

Creation of a semantic search engine using ontologies-matching and clustering in order to give a better search experience for users from libraries

Tools : neo4j, RDF, knime, Spring, ES, Angularjs, git

SOFTWARE DEVELOPER INTERN

GE POWER SA 09-2016 01-2017 🌐 Belfort, FR

Internship in the quality department on the migration and integration project of the new purchasing software

Tools : talend, js, powerBI

PROJECTS

MISE EN PLACE D'UN DATA LAKE POUR L'ANALYSE DU MARCHÉ DU TRAVAIL

Tools : Python (libs : BeautifulSoup, PsyCop2, TextBlob, Counter), PostgreSQL, Power BI

[savacano28.github.io/awesome-jobs-datalake/](https://github.com/savacano28/awesome-jobs-datalake/)

SEMANTIC SEARCH ENGINE - 03-2018 10-2018

Tools : neo4j, rdf, owl, knime, Spring, ES, Angularjs

[savacano28.github.io/pragma/](https://github.com/savacano28/pragma/)

DESIGN AND CONSTRUCTION OF A VISUAL STIMULATION KEYPAD FOR BRAIN-COMPUTER INTERFACES - 01-2014

04-2016 Tools : java, c [savacano28.github.io/qfocus](https://github.com/savacano28/qfocus)