


Juan Carlos Rosito Cuellar


Data Scientist

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

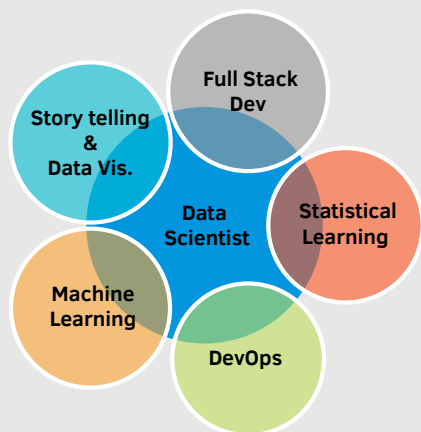
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 [/in/jcrc](https://in.linkedin.com/in/jcrc)

 Spanish, English, Italian

Skills

Overview



Tools

0 HRS → 5000 HRS

Python • R • SQL

Neo4j • SAS • \LaTeX • Knime • HTML

KAFKA • Scala • php • JavaScript

Education

MSc., Data Science (in course)

University of Milano-Bicocca

2017 - 2019 | Milan, Italy

Engr., Electronic Engineering

University of Del Valle of Guatemala

2016 - 2017 | Guatemala, Guatemala

BEng., Electronic Engineering

University of Del Valle of Guatemala

2010 - 2014 | Guatemala, Guatemala

Experience

Jan 2020 -
Until Now

Data Scientist

BAM

Technical lead Analytical Capabilities Bank Department

- Currently developing a Python and Neo4j based Metadata Manager with a Knowledge Graph consisting of A-BOX the bank's DWH and its metadata, T-BOX through an automatic Cross Lingual annotation to the Financial Industry Business Ontology (FIBO + Schema.org) . With the goal of fostering minimized technical debt, highly scalable knowledge, and minimized data discovery time / effort.
- End to End Python/Spark analytical products for: Risk Department, Customer Strategy Department, Business Development Department and Corporate Services Department. Some of them are the hybrid recommendation system with context recognition for the next product to buy from customers, prediction of net revenue per customer, fraud detection of cash claims without dispensing at ATMs, and others.
- Define the operating model for banks to adopt Cloudera Data Platform. The CDP is at the top of a Hadoop distributed file system.
- Part of a team focused on Bank Analytical Capabilities based on Agile Methodology.

Aug 2019 -
Jan 2020

Data Scientist Freelance

CATIE - Industrias Licoreras Guatemala

Data Science projects deployment for particular problems

- Industrias Licoreras-Text Mining Analysis Project
- CATIE – Integral Nourishment – Discriminant Analysis Project
- TIGO – Telecommunications sector – Key Performance Indicator Design project

Mar 2019 -
Aug 2019

Researcher Internship

Università di Milano Bicocca

Research Assistant - Project

- Build a predictive application based on an algorithm for context understanding, without references, using the automatic analysis of the table semantics(meaning of the text).
- Manage entities disambiguation and relationships extraction.

Feb 2017 -
Jun 2018

Android Developer

O+M Plus Co-op With Tigo Guatemala

Android and Web application - Project

- Backend on Android with SQLite(Standard Query Language) and backend on Server with LAMP(Linux Apache MySQL PHP) Platform

Jul 2016 -
Feb 2017

Engr. Candidate, Graduate Research

University of Del Valle of Guatemala

Thesis: Radio-Frequency Optimization tool

- Using Multi Criteria Decision Making (MCDM) Optimization Mathematical Model to provide an efficient ratio on signaling and interference on RAN(Radio Access Network).

Certifications

2018

SAS - Certified Predictive Modeler Using SAS Enterprise Miner 14

- Advanced Predictive Models and multiple Target Prediction, including Dimension Reduction as LAR/LASSO for High dimensional data

2018

Certified Scrum Product Owner® (CSPO®)

- The Certified Scrum Product Owner® (CSPO®) demonstrates knowledge and ability to maximize the value of a product.

References

- [Pietro Giorgio Lovaglio](#) - Economic statistician @ [Università' di Milano-Bicocca](#)
- [Mario Yan](#) - Network Optimization @ [Telefonica Guatemala](#)