Carlos Daniel **Jiménez M.**

SENIOR DATA SCIENTIST · MACHINE LEARNING ENGINEER · STATISTICAL ENGINEER

Colombia

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Summary

Experienced Senior Data Scientist, Machine Learning and Statistical Engineer with a demostrated history of working in Startups , and public institutions (Chile-Colombia-USA), I build Computational and Cognitive tools to make real world applications on Data Science , Machine Learning and AI.Skilled in Bayesian Data Analysis, Machine Learning applications , Statistical Modeling, Data Visualization, Lineal Algrebra , Markdown and LaTeX.

Work Experience

Inter-American Development Bank
USA - Col

SENIOR DATA SCIENTIST CONSULTANT
Jul 2020 - Currently

- Developing Machine Learning applications to understand the public policies of the different goverments
- Deep Learning developer for NLP products
- Developer various Machine Learning models for tasks like text classification and forecast labor in LatinAmerica

Chiper
Bogotá-Col

LEAD DATA SCIENTIST
Nov 2019 - May 2020

- Build statistical models that allow knowing the needs of users
- Research the applications of Data Science.
- Developing Machine learning applications
- Validated behavioral models on multiple datasets.
- Business Intelligence
- Implementing predictive maintenance tools using machine learning.

Merlin Jobs
USA-Col

SENIOR DATA SCIENTIST
Aug. 2019 - Nov 2019

- Developer and implementer Machine Learning models
- Research the applications of Data Science.
- Helping drive the strategic direction and priorities as solidify merlin as a top data science company in USA
- I Conducted customer interviews to understand their needs and help drive our data products strategy
- Develop models that translate unstructured client data into valuable insights

Resolve Studio
Bogotá- Col

CHIEF DATA SCIENCE AND DATA ENGINEERING
Jan 2019- Aug 2019

- Lead Data Scientist and Machine Learning developer for autonomous attributions campaings with Deep Learnning and another technologies
- Developed Data Science models solutions for classification and Data Analysis
- Lead Data Science Team for automate solutions and tasks throughout the company such as client sales prediction, demand forecast

Big Bang Data
Medellín - Col

PRE SALES ENGINEER AND DATA SCIENTIST
Apr. 2018 - Dec. 2019

- lead sales of products based on data and machine learning
- Developed Machine Learning models for : Marketing , Pricing , forecast, and Churn with differents clients
- Evaluated and Creator of work methodology

Secretaria de Educación Distrital
Bogotá - Col

DATA SCIENTIST
Aug 2017 - Aug 2018

- Data Scientist on an advanced analytics team working in education projects and innovations in big data tools (RStudio and Hadoop)
- Build and own complex data pipelines using SQL and other data processing tools
- I Created sampling model for Evaluated Educational Progress

Superintendencia de Puertos y Transporte
Bogotá - Col

STATITICIAN AND QUANTITATIVE ANALYST
2017

- Created BI and tools that identify opportunities and some risk for projects
- Worked with other departments to use new technologies to streamline Goverment policies and rules
- Developed a Mac and Windows python application for Policies evaluation software to measure employee productivity.

Puedo ser Consulting Group
Bogotá - Col

CHIEF STATISTICS
Jan 2017 - Sep 2017

- I developed of Statistics Models to : Clusters, Marketing Analytics and Forecast
- I created Statistics department

New Port Negocios Internacionales
NEW PORT INTERNATIONAL BUSINESS

Bogotá - Col
March 2014 - Apr 2015

- Researched on strategies to optimize pickup planning in warehouses
- Support Data Science initiatives across the company
- Research the applications of AI in Marketing

Invershop SAS
MARKETING' CHIEF

Bogotá - Col
Marc 2012- March 2014

- Researched on technologies to create scalable multi-tenant software Marketing
- Developing of intelligent reporting for supporting the Marketing management team
- Creation and development of Machine Learning algorithms for Marketing Strategies

ONU - Secretaria de Desarrollo Económico 'La Pintana'
ASSOCIATE ECONOMIST

Chile
2012

- I Researched and analyze labor market conditions, national and MSA patterns, and past and future market trends and forecasts
- I created Psychology Test for Social development
- I Worked with media to customize Growth Destiny's data and insights for their stories/inquiries

Academic Experience

Universidad Nacional de Colombia
PROFESSOR

Bogotá, Col
Dic 2019 - Currently

- Manager and creator program's on Data Science and Big Data
- Data engineering teacher (with Python)
- Digital Marketing teacher
- business architecture (Course designed for a company)

Universidad Konrad Lorenz
PROFESSOR

Bogotá, Col
Julio 2020 - Currently

- Manager Data Science Area
- Data Science Introduction teacher
- Machine Learning teacher

Uniempresarial
PRINCIPAL PROFESSOR

Bogotá, Col
March 2018 - Occasionally

- Courses Creator on Data Sciene, BI, Computational Science and Econometrics for Business
- Academic Consultat on Metacognition
- Teacher subjects on university levels :Big Data, Computational Science, Statistics and Data Analysis

Educación Futuro
PRINCIPAL PROFESSOR

Bogotá- Col
May 2015- Apr 2016

- Teacher at the chair of Statistics and KPI's
- Courses Creator on law of the unemployed : Innovation Diploma and Business Computing

UniAsturias
ECONOMICS PROFESSOR

Spain-México
2015

- Full professor in following subjects : Microeconomics, Political Theory , Asian Economics , Economics History and Mathematical Economics

Education

Santo Tomás University
M.S. IN STATISTICS

Bogotá - Col
Jan 2018 - Currently

- focus in : Bayesian Statistics , EDA and Machine Learning Applied

Michigan University
MASTER COURSE IN MACHINE LEARNING

Usa
Apr. 2020 - Currently

- Focus in : Data Science with applications on Emprirical Bayes

Santo Tomás University
B.A IN ECONOMICS

Bogotá - Col
Jan 2010 - Dec 2014

- Focus in : Maths for Economics

Tools

Programming: Python: +4, R: +9, Octave:+3, Matlab:+2

Data Science: Tidymodels,keras,Tenserflow,Scikit Learn, tidyverse,Spark,Bigquery,MySQL,Tidymetrics

Development: Docker,Git,Google Cloud Platform,Plumber,Flask.

Visualization: Shiny,looker,PowerBI,Shinymetrics,Google Analytics

Areas of Interest

Applied Machine Learning, Natural Lenguage Processing, Statistical modelling, Meta - Analysis, Bayesian data analysis, Web Scrapping, Forecasting and Deep Learning.

Publications

Inferencia estadística un enfoque moderno   *www.danieljimenezm.com*

FREE   *2020*

- Design of the theoretical framework of the application of statistical inference applied to data science

Extracurricular Activity

danieljiemezm.com   *Colombia*

BLOGGER   *Aug 2018 - currently*

Blog on Applied Statistics, Data Analysis and Machine Learning with R

Nostradamusdata.com   *Col-Chile*

TEACHER   *Jun-2019- currently*

Special Professor on Data Science and BI