

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 demonstrated 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, Linear Algebra, Markdown and LaTeX.

You can find my Portfolio clicking [here](#)

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 governments
- Deep Learning developer for NLP products
- Developer various Machine Learning models for tasks like text classification and forecast labor in Latin America

Resolve Studio - Chiper

Bogotá - Col

CHIEF DATA SCIENCE AND DATA ENGINEERING

Jan 2019 - May 2020

- Lead Data Scientist and Machine Learning developer for autonomous attributions campaigns with Deep Learning and other 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 different clients
- Evaluated and Creator of work methodology

Secretaría 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

STATISTICIAN 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 Government 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

Bogotá - Col

NEW PORT INTERNATIONAL BUSINESS

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

Bogotá - Col

MARKETING' CHIEF

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'

Chile

ASSOCIATE ECONOMIST

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

Bogotá, Col

PROFESSOR

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

Bogotá, Col

PROFESSOR

Julio 2020 - Currently

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

Uniempresarial

Bogotá, Col

PRINCIPAL PROFESSOR

March 2018 - Occasionally

- Courses Creator on Data Science, 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

Bogotá- Col

PRINCIPAL PROFESSOR

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

Spain-México

ECONOMICS PROFESSOR

2015

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

Education

Santo Tomás University

Bogotá - Col

M.S. IN STATISTICS

Jan 2018 - Currently

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

Michigan University

Usa

MASTER COURSE IN MACHINE LEARNING

Apr. 2020 - Currently

- Focus in : Data Science with applications on Empirical Bayes

Santo Tomás University

Bogotá - Col

B.A IN ECONOMICS

Jan 2010 - Dec 2014

- Focus in : Maths for Economics

Tools

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

Data Science: Tidymodels, keras, Tensorflow, 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 Language 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

danieljimenezm.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