



Félix Ernesto Charry Pastrana

DATA ENGINEER · MASTER OF SCIENCE · PHYSICIST

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“Many years later as he faced the firing squad, Colonel Aureliano Buendía was to remember that distant afternoon when his father took him to discover ice” — Gabriel García Márquez.

Data engineer and Python programmer.

Working career: Machine Learning models - Python. Academic: detector modelling, simulation of nuclear reactions, elemental composition.

I am looking to expand my experience as a data analyst, willing to learn new knowledge and provide the most reliable programming and statistical level. Committed and team worker.

Experience

Coca-Cola FEMSA

Mexico City - Mexico

SPECIALIST DATA ENGINEER

Sep 2022 - Present

- ETL using Azure Data Factory and Azure Databricks
- Modify Excel macros in Virtual Machine
- Create Stored Procedures to automate data extraction

Ventagium

Querétaro - Mexico

JR DATA ENGINEER

July 2021 - July 2022

- Prediction of sales using time series models (errors), Python
- ETL of data associated to different clients using Azure suit
- Durable functions, Azure Data Factory.

TheMadFox - Colombia

Remote Work

DEVELOPMENT OF SOFTWARE AND DATA SCIENCE PROJECTS

Nov 2020 - May 2021

- Download data from API, merge it, filter it and create a end-point using Django
- Extract information from html files and create features
- Analyze and interpret the data and build-optimize the machine learning model, Python
- Download and merge data using API.
- Extrapolate data and create plot reports using Python - Plotly.

Skills

Main Python, R, \LaTeX , Git, SQL

General FORTRAN, PostgreSQL, C++,

Languages Spanish (Native) and English (Intermediate)



Education

Ministry of IT and Communications of Colombia, Correlation One

Colombia

FALL 2020 DATA SCIENCE FOR ALL

August 2020

- Graduated with Honors and **Outstanding Teamwork**.

Universidad Nacional Autónoma de México

Mexico City, Mexico

MASTER OF SCIENCE DEGREE (PHYSICS), **HONORABLE**

2017 - 2019

MENTION, R

Universidad Nacional de Colombia

Bogota, Colombia

BACHELOR'S DEGREE IN PHYSICS, FORTRAN

2010 - 2016

Courses

University of Michigan

coursera.org

SPECIALIZED PROGRAM: *Applied Data Science with Python*

- Introduction.
- **Machine Learning**.
- **Text Mining**.

University of Michigan

coursera.org

SPECIALIZED PROGRAM: *Web Applications for Everybody*

May, 2021

- Introduction to Structured Query Language (**SQL**).

IBM

coursera.org

SPECIALIZED PROGRAM: *Advanced Data Science with IBM*

May, 2021

- Fundamentals of Scalable Data Science. **PySpark**.
- (In process) Advanced Machine Learning and Signal Processing.