



# Félix Ernesto **Charry Pastrana**

DATA ANALYST · MASTER OF SCIENCE · PHYSICIST

Narvarte Oriente, Benito Juárez, PC 03010, Mexico City, Mexico · Willing to relocate? Yes!

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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 analyst 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

### Ventagium

JR DATA ENGINEER

Querétaro - Mexico

August 2021 - Present

### TheMadFox - Colombia

COLLABORATION IN THE DEVELOPMENT OF SOFTWARE AND DATA SCIENCE PROJECTS

Remote Work

April 2021 - May 2021

### TheMadFox - Colombia

FREELANCE: TRANSLATE OF AUTONOMOUS ROUTINES BUILT IN R INTO PYTHON. THIS INCLUDES

Remote Work

November 2020 - January 2021

### Data Science for All - Remington University

DATA ANALYST: PREDICT THE DROPOUT PROBABILITY OF A STUDENT USING DATA FROM 1996 TO 2020. PYTHON AND R.

Remote Work

August 2020 - November 2020

## Skills

**Main** Python, R,  $\text{\LaTeX}$ ,

**General** FORTRAN, PostgreSQL, C++, Git, Django

**Languages** Spanish (Native), English (Advanced level)

## Education

### Ministry of Information Technologies and Communications of Colombia and Correlation One

Colombia

FALL 2020 DATA SCIENCE FOR ALL

August 2020 -

November 2020

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

### Universidad Nacional Autónoma de México

Mexico City, Mexico

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

January 2017 - June

**MENTION**

2019

- Thesis: Unification of gamma, beta and carbon-nitrogen spectrometry measurements for composition simulation and efficiency correction of aquatic sediments, R.

### Universidad Nacional de Colombia

Bogota, Colombia

BACHELOR'S DEGREE IN PHYSICS

July 2010 - June 2016

- Thesis: Systematic analysis of nuclear reactions of alpha particles, **FORTRAN**.

## E-courses

### University of Michigan

coursera.org

SPECIALIZED PROGRAM: *Applied Data Science with Python*

- Introduction.
- Machine Learning**.
- Text Mining**.
- (In process) Plotting, Charting & Data Representation.
- (In process) Social Network Analysis.

### University of Michigan

coursera.org

SPECIALIZED PROGRAM: *Web Applications for Everybody*

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

### IBM

coursera.org

SPECIALIZED PROGRAM: *Advanced Data Science with IBM*

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

### DeepLearning.AI

coursera.org

SPECIALIZED PROGRAM: *Deep Learning Specialization*

- (In process) Neural Networks and **Deep Learning**.

### DeepLearning.AI

coursera.org

SPECIALIZED PROGRAM: *Machine Learning Engineering for Production (MLOps)*

- (In process) Notificaciones Introduction to Machine Learning in Production.