

# CURRICULUM VITAE

ERNESTO ALFONSO MIYAR

Junior Data Scientist/Analyst | ML



CONTACT

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ABOUT MYSELF

I'm an aspiring Data Analyst/Scientist with an Engineering background, a solid passion for technology and the open-source community.

My previous career allowed me to work with extensive datasets and study the patterns of society to give answers using Architecture and Urbanism, while using advanced softwares to produce 3D images and models.

During the Data Bootcamp, I developed several projects on different topics, using Python libraries mainly. I also enjoy working with multidisciplinary teams and like-minded people.

SOCIAL

linkedin/ernestoalfonso  
github/CommanderPoe  
public.tableau.com/enne7108  
behance/ernestoalfonso

## EDUCATION

### IRONHACK

Barcelona, Spain  
03/2021- 06/2021

#### Full Data Analytics Bootcamp:

- Data Analysis using Python and SQL.
- Data Visualization with Tableau, Matplotlib.
- Machine Learning models.
- Math & Statistics.
- Data Wrangling, Cleaning, API, Scraping.

### POLITECNICO MILANO

Milan, Italy  
09/2013- 07/2017

#### Master of Science in Architecture:

- Full Program for Architectural Designers.
- Thesis based on mobility in Havana
- Experience with architectural studios.
- Result oriented program focused in practical methodology and teamwork.

### POLITECNICO JOSE.A. ECHEV

Havana, Cuba  
09/2009- 06/2012

#### Bachelor Program in Architecture:

- Combined all branches of the profession at large scale; Architecture, Interior Design and Urbanism.
- Emphasis on sustainability and smart cities.
- Carried out several studies to map the city and improve mobility.

## WORK EXPERIENCE

### Data Analyst/Scientist | ML

Barcelona, Spain  
03/2021- present

#### Projects built as student:

**\* Bitcoin\_forensics:**  
[https://github.com/CommanderPoe/bitcoin\\_forensics](https://github.com/CommanderPoe/bitcoin_forensics)

- A project to trace malicious transactions on the bitcoin's blockchain.

**\* Betting on 21.5:**  
[github.com/CommanderPoe/tennis-prediction](https://github.com/CommanderPoe/tennis-prediction)

- A simple strategy to beat the bookies using Machine Learning.

**\* Fifa predicting model:**  
<https://github.com/CommanderPoe/health-care-for-all>

- A Fund Raising Net Return Prediction Model.

**\* Other Projects:**  
<https://github.com/CommanderPoe?tab=repositories>

### PISAN S.L

Barcelona, Spain  
01/2018- 03/2021

#### Architectural Designer:

- Activities at large scale with teams of engineers and architects.
- Managed €1.000.000 budget buildings during completion.
- Implemented personal vision to produce competitive designs.
- Create scale drawings and graphical images of structures prior to construction.
- Influenced design ideas to the firm and participated in collaborations between staff of other companies.
- Prepared contract documents and descriptive memories for contractors.

### GARATTI E CANEPA ARCHITETTI

Milan, Italy  
02/2016- 12/2016

#### Architectural Researcher • Intern:

- Managed the restoration project "Schools of Arts -ISA-" in Havana.
- A project with over 60 years and a historical, social, and artistic value for the Cuban capital.

### TEN ARQUITECTOS

Havana, Cuba  
05/2012 - 10/2012

#### Urbanist Researcher • Collaborator:

- Full collaboration with during the process of selecting the location for the first Guggenheim Museum in Latin America.
- Several areas of the city were deeply studied and analyzed to finally select and develop a conceptual project.

## ACHIEVEMENTS & AWARDS

**- Python for Everybody**  
Coursera Certificate

**- Data Science Track**  
DataCamp Certificate

**- Trader of the month (twice)**  
Poloniex Exchange TOM for the Bitcoin/USDT pairs using Time Series Data Analysis

**- Identity Corporative Manual**  
Winner Project to implement corporative manual of the Central Company of Construction in Havana, CONSTUIMPORT

**- Youngest short-film Directors**  
short-film: 'Vincent's Shadows'

## SKILLS

Data Analysis | Machine Learning

python pandas numpy scipy  
matplotlib seaborn tableau  
power bi machine learning bi  
sql git web scraping api  
regex stats scikit-learn nlp  
pyspark nltk jupyter notebook

Others

bash html css osx adobe  
adobe illustrator adobe photoshop  
3d max google sketchup vray  
autocad revit excel word

## LANGUAGES

**Spanish**  
● ● ● ● ●  
**English**  
● ● ● ● ●  
**Italian**  
● ● ● ● ○  
**Catalan**  
● ● ● ● ○

## HOBBIES

- Open Source Community  
- Bitcoin  
- Technology  
- Architecture  
- Art  
- Cinema  
- Sports

## DIRECT LINKS

LinkedIn



Github



Tableau

