



SERGIO SAMPAYO BRAVO

DATA SCIENTIST

Industrial engineer interested in AI, data science and trending technologies is **seeking a job in IT as data scientist**. I currently develop **personal projects** and upload them to **Github**.

WORK EXPERIENCE

DATA SCIENTIST

GitHub | Jan. 2020 - Currently | Personal projects

- **COVID-APP: web app about the global evolution of the COVID-19 in real time and cases prediction by country** with the use of **neural networks (LSTM)** applied to **time series forecasting**.
- **Boardgame generator: analysis and prediction** of relevant characteristics in **board games design**. Model applied in an interactive web app application.
- **Bank transaction data: extensive analysis, classification and clustering of encrypted credit card transaction data** from two types of customer.
- **Analysis and prediction of traffic accidents** in Madrid.
- **Timeseries Forecasting: ARIMA model** step by step

Python (Pandas, Numpy, Scikit-learn), Selenium, **Machine Learning** (SVM, Tree methods, GridSearch, Feature selection...), **Deep Learning (Keras)**, **NLP** (NLTK, spaCy), **Seaborn, Matplotlib, Plotly**, Streamlit.

MANUFACTURING ENGINEER

Iveco | Mar. 2019 - Jan. 2020

- Analysis of manufacturing reports
- **Data analysis**
- Technical studies

ENERGY CONSULTANT

Endesa | Jul. 2018 - Dic. 2018

- Energy market **data analysis**
- Participation in the elaboration of proposals for clients (Large corporate clients)
- Review of energy contracts.

VOLUNTEER

Workaway | Finland Aug. 2012, Scotland Aug. 2013, Ireland Aug. 2016

- Helping families in gardening, repairs, etc.

EDUCATION

DATA SCIENCE BOOTCAMP

Neoland | Jan. 2020 - Mar. 2020 | 432h

UNIVERSITY DEGREE IN INDUSTRIAL ENGINEERING

Rey Juan Carlos University | 2015 - 2019

UNIVERSITY DEGREE IN ENVIRONMENTAL SCIENCE

Autonomous university of Madrid | 2010 - 2014

LANGUAGES

ENGLISH (C1)

- Cambridge Certificate in Advanced English (CAE)

ADDITIONAL INFORMATION

- Driver license B

CONTACT

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Github github.com/Sampayob

SKILLS

PROGRAMMING LANGUAGES

- Python (Pandas, Numpy...)
- R (ggplot2, dplyr, caTools...)
- Scala (RDDs, Dataframes...)
- SQL

DB (SQL & NoSQL)

- MySQL, PostgreSQL...
- MongoDB

FRAMEWORKS

- Spark (Pyspark, MLlib...)

CLOUD COMPUTING

- Google Cloud (GCP): BigQuery, Datastore, BigTable...
- AWS (s3, Sagemaker,...)

MACHINE LEARNING

- **Supervised and Unsupervised learning:** Classification, Clustering, Feature selection, PCA, Pipelines...
- **ML Production:** OOP, MLFlow, Docker, RestAPI

DEEP LEARNING & NLP

- Keras, Tensorflow, PyTorch
- NLTK, spaCy

GIS|Spatial Analysis|Maps

- Geopandas, Shapely, Folium...

VISUALIZATION

- Matplotlib, Seaborn, Bokeh, Plotly
- Tableau

WEB SCRAPING

- BeautifulSoup
- Selenium

WEB DEVELOPMENT

- HTML5, CSS3, Bootstrap, Flask
- RESTful APIs

ADDITIONAL SKILLS:

- Excel (Microsoft Excel Specialist)
- Version control (Git, Github)
- Shell, Bash