



Carlos Fonseca

Data Scientist (Python/Machine Learning/NLP/Deep Learning)

Mechanical Engineer

github.com/ecarlosfonseca

linkedin.com/in/carlos-fonseca-6b811630

[+351 938 269 383](tel:+351938269383)

ecarlosfonseca@gmail.com

[4100 - 413 Porto](#)

Experience

Data Scientist / Data Analyst, DareData Engineering

OCTOBER 2020 – PRESENT (7 MONTH)

PORTO, PORTUGAL

Integration of a specific DS project for a portuguese client in the production/retail segment, aimed to find strategies to increase sales in the portuguese market which consisted of the following tasks:

- Data cleaning and exploration in order to find a plausible strategies (Pandas)
- Participation of business discussions and definition of strategies with the client
- Application of descriptive and predictive models (Sklearn)
- Definition of the field implementation method and identification of test and control groups
- Code tests in order to guarantee its reproducibility (Pytest)

Additional acquired knowledge, in the DE scope:

- CICD pipelines
- Terraforms
- Docker

Shift Supervisor, Polisport Group

APRIL 2017 - APRIL 2018 (1 YEAR);

PORTO, PORTUGAL

- Ensure the fulfillment of the production planning requirements in quantity, quality and due date and the good functioning of the production shift by monitorization of KPIs and implementation Lean and 5s methodologies
- Manage the production team ensuring the rotation of employees to promote training and sharing of working methods, organizing their working and resting days and giving them the necessary information and means for them to achieve the company goals
- Supervise recruitment and guarantee the evaluation of employees and their development
- Ensure a proper shift change, making sure no productive information is lost and guarantee the optimization of working time

Maintenance Manager, Herfri SAS

SEPTEMBER 2015 - AUGUST 2016 (1 YEAR);

BARRANQUILLA, COLOMBIA

- Coordinate technical teams for both preventive and corrective maintenance
- Responsible for reporting and invoicing of the maintenance department
- Inventory Manager

Production Planner, BA Glass SA

APRIL 2011 - JANUARY 2015 (3 YEARS, 10 MONTHS);

PORTO, PORTUGAL

- Sales plan Analysis and elaboration of production plan for short and medium term for several production plants
- Monotorization and elaboration of KPIs
- Parametrization of SAP ERP

Skills

Python

Recommendens Systems

Statistics

Data Mining

Machine Learning

NLP

SQL

Visualization

Languages

English (C2)

Portuguese (native)

Spanish (B2)

French (A1)

Education

Lisbon Data Science Starters Academy - Batch 4

Lisboa, Portugal

MARCH 2020 TO MARCH 2021

- Data wrangling, Python, NumPy and Pandas
- Machine learning projects using Scikit-learn/Python
- Text mining, language and topic modeling projects using NLTK
- Recommenders Systems using Scipy
- Data visualization and graphic design using Matplotlib and Seaborn

Master in Mechanical Engineering - Production Management

Universidade do Porto, Porto (Portugal)

SEPTEMBER 2003 TO MARCH 2011