



CONTACT



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IT SKILLS

• Programming language

Python, Fortran

• Database

SQL, MySQL, Excel

• Soft. spécifique

Matlab, LaTeX, GitHub

• Data visualization

Spotfire, Dash Plotly, Tableau

• Web Development

Api Google, Django

LANGUAGES

- **SPANISH**
- **FRENCH**
- **ENGLISH**

INTERESTS

- Sport : basketball and running
- Reading
- Nature and hiking

SOFT SKILLS

- Driving licence
- Team work and communication
- Time management

PROGRAMMATION

- **Python**
- **Matlab**
- **Fortran**

RÉFÉRENCES

- Ismael LAFOZ: ismael.lafoz@airbus.com
 - Head of Control Systems Software
- Pablo RODRIGUEZ: pablo.rodriguez@upm.es
 - Professor of Aerospace Engineering

JUAN JOSÉ CERVILLA

DATA ANALYST | OCTOBER 2022

Dynamic, motivated, and an advocate for continuing education.
I am consistently self-learning via online resources or personal projects

WORK EXPERIENCE

EXPLOO GROUP : FLIGHT TEST DATA ANALYST AIRBUS

Toulouse, France | Sept 2021 - Today | Full-time

- Preparation, follow-up and analysis of flight test campaigns at AIRBUS
 - Analysis and post-processing of test data using Python
 - Dashboards for clients showing the results using Python and Spotfire
 - Algorithms (DBSCAN, K-means) for predictive sensor maintenance using Python
 - Task automation using Google API and Python
 - Time Series analysis and forecasting

INTERNSHIP ALTEN : DATA SCIENTIST

Toulouse, France | July 2020 - February 2021 | Full-time

- Optimization of airline schedules
 - Linear optimization model using OOP (Object Oriented Programming) in Python
 - Heuristic constraint-based optimization model using OOP in Python
 - Web application for the optimizer with Django

INTERNSHIP POMA: AERODYNAMIC ENGINEER

Grenoble, France | February 2019 - September 2019 | Full-time

- CFD aerodynamic analysis using STAR-CCM+ for the vehicles of the company

INTERNSHIP AIRBUS DEFENSE AND SPACE

Getafe, Spain | May 2017 - August 2017 | Part-time

EDUCATION

ECOLE CENTRALE NANTES - ECN

Diplôme d'ingénieur | 2018 - 2020 | (BAC+6)

- Disciplinary option: Computer Science for Information Systems (taken in French).
- Professional option: International Business and Finance (taken in English).

UNIVERSIDAD POLITÉCNICA DE MADRID - UPM

MSc in Aeronautical Engineering | 2017 - 2019

UNIVERSIDAD POLITÉCNICA DE MADRID - UPM

BSc in Aerospace Engineering | 2013 - 2017

SPECIALIZATION: AEROSPACE PROPULSION

COURSES

IBM DATA WAREHOUSE ENGINEER (COURSERA | 2022)

RDBMS, SQL, DBA, Linux Commands, ETL and Data Pipelines with Shell, Airflow and Kafka

MACHINE LEARNING COURSE (UDEMY | 2020)

Data cleaning, Sklearn, Clustering PySpark, TensorFlow, PCA, Time Series, WebScraping

PROJECTS

FINAL BACHELOR DEGREE PROJECTS

Design of a reciprocating engine using Matlab. February 2017 - July 2017 | Grade : 10/10

XSUN STARTUP SCHOOL PROJECT

Market study and research of potential clients | OCTOBER 2019-APRIL 2020