Mariano Sánchez Olmos

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Education

Universidad de Alcalá de Henares
Master on Decision Making and Innovation, 2018 - 2019
Core themes: Finance, Negotiation, HR, Agile, Project Management

Universitat Politècnica de València (UPV)
Engineering bachelor's degree, Aerospace Engineering, 2014 - 2018
Core themes: Maths, Physics, Fluid Dynamics, Aerodynamics,
Propulsion, Turbomachinery, Calculus, Mathematicals Methods.
Activities and Societies: EUROAVIA

I.E.S. Carthago Spartaria
Scientific-technological Baccalaureate, 2012 - 2014

Design, Build & Fly of a Cargo Drone at HVA
February 2018 - July 2018

Project Coordinator in Carthago Nova at EUROAVIA Valencia
January 2015 - January 2018

Experience

Data Analysis Consultant at AIRBUS
June 2019 - Present

In the analyst position, my main task is to perform multiple data analysis on different production parameters (machine logs and business performance indicators) to make data-driven decisions. Besides this, I'm also in charge of the digitalization process of multiple indicators into Skywise by means of developing web-based dashboards and checking department's data health status.

Intern - Data Analyst at AIRBUS
July 2018 - June 2019

At this position, my task was basically to develop a Python-based dashboard for analyzing online and real-time various internal company data packages, following Big Data and Machine Learning techniques such as NLP.

Languages

Spanish   Mother Tongue

English   Cambridge FIRST Certificate & TOEFL 91 score

French   A2 Level

Awards

Space Station Design Workshop at Institut für Raumfahrtsysteme
August 2017
Project Manager - Winning team in the 2017 edition of the SSDW

International model rocket contest RoWo Cluj-Napoca
August 2016
2nd Position on EUROAVIA Cluj-Napoca International Model Rocket Contest

Papers

Permanent crewed Mars base by 2030 - Outcomes of an Interdisciplinary ...
Reference: IAC–18–E2,3-GTS.4,9

Courses

Completed

Scrum Master – Expert Scrum Master Foundations: Xsfera | 20 hrs
Certificate ID: 191140587

Python Data Scientist Track: DataCamp | 100 hrs
Certificate ID: 105993

Python Data Analyst Track: DataCamp | 60 hrs
Certificate ID: 90909

Python Programmer Track: DataCamp | 40 hrs
Certificate ID: 83583

Machine Learning by Andrew NG: Coursera & Stanford University | 60 hrs
Certificate ID: FQN5G84TXR7F

Introduction to R Programming: edX & Microsoft Online | 20 hrs
Certificate ID: 88516b5b9d5d4a7481117944e2a86f83

Full Stack Web Development Bootcamp: Udemy | 20 hrs
Certificate ID: UC-TA9VNJHF

On-going

Google Cloud Platform Certification Preparation: Udemy

Skills

Advanced: Python (including pandas and sklearn) & SQL

Intermediate: HTML5, CSS3, JavaScript, Matlab, VBA & LaTeX

Basic: R, C++, Shell

Team Work

Project Leadership

Public Speaking

G Suite & MS Office