

Carlos Aumente Maestro

DATA SCIENTIST · PHYSICIST

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Work Experience

Data Scientist

TELEFONICA IoT & BIG DATA

Madrid, Spain

Sep. 2019 - PRESENT

- Currently developing machine learning end-to-end solutions over time series data
- Developed an Anomaly Detector Platform using supervised and non-supervised algorithms
- Built multiple visualizations using tools like Power BI or Python libraries such as Plotly, Seaborn & Matplotlib
- Worked over an Agile methodology and using Jira as tool for tracking the project progress
- Experience with several tools and solutions such as Git, Splunk, Linux, Jupyter, SQL & Airflow

Data Scientist

DELOITTE FINANCIAL ADVISORY

Madrid, Spain

Feb. 2018 - Sep. 2019

- Developed ETL solutions - from data extraction to data bases creation
- Advanced analysis and modelling financial data
- Building visualization to evaluate the main financial assets & KPI's

Software Developer

ACCENTURE TECHNOLOGY

Madrid, Spain

Feb. 2017 - Feb. 2018

- Involved with structured databases solutions and their maintaining
- Experience with GNU/Linux distributions and control version systems

Scholarship

ROYAL SPANISH SOCIETY OF PHYSICS

Madrid, Spain

Jan. 2016 - Jun. 2016

Education

M.S. in Research on Artificial Intelligence

SPANISH ASSOCIATION FOR AI & UIMP

Online, Spain

Sep. 2019 - Jul. 2021

- Major in Learning and Data Science

Bachelor Degree on Science Physics

COMPLUTENSE UNIVERSITY OF MADRID

Madrid, Spain

Sep. 2012 - Jun. 2016

- Major in Theoretical Physics

Skills

Programming

Python, SQL, R, Scala

Data science & AI libraries

Pandas, NumPy, SciPy, Scikit-learn, Keras, TensorFlow, PyTorch

Data visualization

Tableau, Power BI, Plotly

Databases

MySQL, Microsoft SQL Server, ClickHouse, MongoDB

Tools

Airflow, Alteryx, Git, Anaconda, Linux, Spark, Splunk, Jira

Languages

Spanish (native), English (intermediate)

Projects & Publications

M.S. in Research on Artificial Intelligence, master's thesis

AUTHOR OF: "AUTOMATIC BRAIN TUMOR SEGMENTATION ON MAGNETIC RESONANCE IMAGING"

Madrid, Spain

Jun. 2021

- Using artificial intelligence techniques for automatic segmentation of brain tumors in medical images for treatment planning

Bachelor degree on Science Physics, bachelor's thesis

AUTHOR OF: "MUONIC ATOMS"

Madrid, Spain

Jun. 2016

- Analyzing muonic atoms and their structure both theoretically and numerically.

Certifications & Courses

Now	AI for Medical Diagnosis , Coursera	Online
2020	Apache Spark Streaming , Udemy	Online
2019	Data Analysis with Python , Cognitive Class	Online
2019	Deep Learning Fundamentals , Cognitive Class	Online
2019	Accounting course training , Deloitte Financial Advisory	Madrid, Spain
2018	Scrum Master , Udemy	Online
2018	Statistics with R , DataCamp	Online
2018	Intermediate Python for Data Science , DataCamp	Online
2018	Introduction to Shell for Data Scientist , DataCamp	Online
2017	Training course in Java , Accenture Technology	Madrid, Spain
2017	Intro to SQL for Data Science , DataCamp	Online
2017	Intermediate R for Data Science , DataCamp	Online
2016	R tutorial on Machine Learning , DataCamp	Online
2016	Basic Statistics with R , DataCamp	Online
2016	Data Visualization with ggplot2 , DataCamp	Online
2015	Course on Introduction to Research on Matter Structure , CSIC	Madrid, Spain