Daniel Fiuza Dosil, Ph.D.

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Email:
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Languages:
English, Spanish

Programming Languages:
Matlab, Python C, SQL, LaTeX, Bash

Data Science:
NumPy, Pandas, Matplotlib, SciPy

Machine Learning:
Keras, SKlearn, MLFlow, Optuna, Pycaret

Other Tools:
[BI]: Tableau, PowerBI, Airtable, DBeaver, MySQL, PostgreSQL; [Automation]: Zapier, Zoho Flow, Zoho CRM; [Cloud]: AWS (S3, RDS, EC2, Lambda, Elastic Beanstalk, Sagemaker, IoT); [Software]: GitHub, Docker, CSS, HTML, Flask, Airflow

Skills:
Analytical and critical thinking, Problem-solving, Business acumen, Effective communicator, Agile Methodology

Hobbies:
Running, Cycling, Swimming, Climbing, Cooking

Profile

I am Daniel, a highly adaptable data scientist and business intelligence analyst with experience in leading and developing end-to-end data science products. I have excellent analytical, coding, business acumen and problem-solving skills acquired during my educational, research and commercial period. I have developed great communication skills, and I can present complex topics in simple terms. I am very adaptable, creative and resilient.

Experience

2021-   **Raptor BioTech**   London, UK
Lead Data Scientist
In charge of developing a medical AI solution for disease diagnosis. End-to-end development: the ML solution, data engineering, web application, cloud deployment, monitoring, etc. Was also in charge of managing, interviewing, growing the team, applying for funding and supervising the software engineering development.

2021-   **Bryant Dental**   London, UK
Business Intelligence Analyst
Created a unified centralised data source for the company in a real-time relational database. Produced real-time dashboards with KPIs for the business, and implemented ML solutions for sales forecasting, and NLP sentiment analysis. Automation and web applications were created to optimise the operations of the company and advised the stakeholders on data-driven business strategy.

2021-2021   **LoveHolidays**   London, UK
Data Scientist (Fixed-Term Contract)
Developed a holiday recommendation system to increase user engagement and the number of bookings. Applied decision tree ensembles and user clustering to model and increase the probability of a user booking a holiday.

2019-2021   **London South Bank University**   London, UK
Associate Lecturer

2016-2021   **FluidTech**   Aalborg, Denmark
Co-Founder & Head of Engineering

2017-2021   **First Tutors**   London, UK
Private Tutor

2017-2020   **Imperial College London**   London, UK
Graduate Teaching Assistant (GTA)

Education

Years	Degree	Institution
2021-2021	**Fellow** in Data Science	Faculty AI
2017-2021	**PhD** Fluid Mechanics, Civil and Environmental Engineering	Imperial College London
2014-2016	**MSc** Energy Engineering (Thermal Energy and Process Engineering)	Aalborg University
2015-2016	**MSc** Mechanical and Aerospace Engineering	West Virginia University.
2011-2015	**BSc** Industrial Engineering (Energy Technologies)	Universidad Carlos III de Madrid

Data Science Projects

Years	Project	Organisation
2021-	**Predicting COVID-19 Infection from Breath Biomarkers**	Raptor BioTech
2020-2021	**Structural Damage Detection using LSTM Neural Networks**	Freelance
2020-2020	**Holiday Recommendation System**	LoveHolidays
2017-2020	**Development of Computational Tools for Real-time Image Processing**	Imperial College London