Rita RODRIGUEZ VAZQUEZ, PhD

IT SKILLS

Programming
Python, SQL, Terraform

Libraries & Packages
Pandas, Numpy, Scikit-Learn,
Matplotlib, Seaborn, Plotly

Machine Learning
Neural Networks, Clustering,
Optimisation, Time Series

BI & version control
GIT, Qlik, Metabase, Looker

LANGUAGES

Spanish (Mother tongue)

English (C2) - Certificate of
Proficiency in English

German (C2)

French (C2)

Italian (C1)

COURSES

Introduction to Designing Data Lakes on AWS. 2023

Machine Learning Data Lifecycle in Production. 2021

Introduction to Machine Learning in Production. 2021

Structuring Machine Learning Projects. 2020

Neural Networks and Deep Learning. 2019

WORK EXPERIENCE

CIRCL Technologies. Senior Data Scientist
Remotely, April 2023 – present.
- Design and implementation of automated real-time scalable cloud-based data pipelines on AWS, using Terraform as Infrastructure as a Service.
- Implementation of an advanced analytics platform providing customers with real-time KPIs and visualisations, fully embeded into the product.

Beonprice. Head of Data
Remotely, January 2022 – March 2023.
- Data Science and Engineering team management.
- Optimisation and forecasting models for hotel revenue management.

Arex Markets. Data Scientist
Remotely, January 2021 – January 2022.
- Machine Learning (ML) models for finance and marketing, including time series (LSTM)

Chaser Technologies. Data Scientist
Remotely, December 2019 – November 2020.
- Customer segmentation, payment modelling.

Nommon Solutions & Technologies. R&D Data Scientist
Madrid, May 2018– November 2019.
- Development of BigData mobility solutions using Call Detail Records (CDR) and other data.
- H2020, Eurostars Eureka projects.

École Polytechnique. Predoctoral researcher
Paris, 2013 – 2017.
- Focus on Geometry and Dynamical Systems.

Université Paris Sud. Teaching assistant

Paris, 2014 – 2017.
- Courses in Mathematics and Modelling.

EDUCATION

Masters in Education. 2024
Specialty in Mathematics
Universidad Nacional de Educación a Distancia.

PhD in Mathematics. 2017
École Polytechnique –
Université Paris-Saclay.

Masters in Mathematics. 2012
"Mathématiques Fondamentales"
Université Pierre et Marie Curie

Degree in Mathematics. 2011
Universidad Autónoma de Madrid.