Francesc Hinojosa Mutge

DATA SCIENTIST

Data Science Portfolio

I invite you to explore my portfolio to know in detail the achievements that support my experience as a Data Scientist.

Professional Summary

With a solid eight years of hands-on experience in machine learning and deep learning projects, I have also participated in AI European R&D projects.

In my recent professional role, I led the technology showroom at NTT DATA's Innovation Lab in Barcelona. My responsibilities encompassed overseeing the projects within the NTT DATA AI Center of Excellence. Notably, I played a pivotal role in the "Branch of the Future" or "Phygital Space" initiative, focusing on creating various Proof of Concepts (PoCs) centred on computer vision and natural language processing (NLP).

Previously, as the Chief Technology Officer at the Innova Systems Group, our team achieved remarkable commercial success through the deployment of over 2000 license plate readers in the realms of parking management and traffic safety.

Thanks to this experience I have embarked on an exciting professional re-skilling focused on artificial intelligence by successfully completing a Master's degree in Data Science, with the purpose of keeping myself updated and expanding my knowledge on the latest techniques, advances and algorithms.

One of my greatest strengths is my ability to present complex technical ideas in a clear and concise manner, making technical concepts accessible to all interested stakeholders.

If you seek a dynamic professional who can combine technical excellence with business acumen, I am well-prepared to drive innovation and lead transformation projects in the field of artificial intelligence and beyond. Let's connect and explore the possibilities of collaboration.

Employment History

Showroom & Technology Services Leader at NTT DATA Living Lab, NTT DATA, Barcelona

NOVEMBER 2018 — JANUARY 2023

During my time at the NTT DATA Living Lab, my responsibilities included:

- Defining and managing work processes to optimize technical and innovation operations and operating the lab and showroom.
- In coordination with NTT DATA AI Center of Excellence, support for the presentation to sectors and business units during customer visits and search for synergies and coordination of participation to develop innovative projects in the Lab (PoCs, MVPs, etc.).
- Coordinator of the activities of the innovation center in the European AI R&D projects in which the company is involved, in particular the DeepHealth and IntelComp projects.

Details

Mollet del Vallés (Barcelona)
Spain
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NATIONALITY

Spanish

Links

Linkedin

Portfolio

Skills

SQL/NoSQL

Python

Data Analysis

Data Visualization

Power BI

Statistical Analysis

Predictive Modeling

Machine Learning

Deep Learning

Natural Language Processing (NLP)

TensorFlow/PyTorch/Keras

MLOps

Computer vision

OpenCV

Microsoft Azure

Databricks

Problem-solving

Communication and Presentation

Continuous Learning

Business Acumen

Critical Thinking

Languages

Catalan

Spanish

English

- In collaboration with the NTT DATA Digital Room Lab from Lisbon, I designed and built a showroom that mimics a modern, multi-sector office of the future (Banking, Insurance, Retail and Public Sector). The showroom features various use cases and utilizes artificial intelligence, data analytics, computer vision, virtual and augmented reality, facial and emotion recognition, and other cutting-edge technologies in a phygital space.
- Lastly, I led an innovation knowledge transfer program to showcase the company's most relevant assets to client managers to aid in their commercialization efforts.

The NTT DATA Living Lab is NTT DATA's innovation center in Barcelona. It is a unique and multifunctional space, designed under the philosophy of Open Innovation.

Account Director , Visyon, Barcelona

APRIL 2016 — AUGUST 2018

Visyon is a company that has received recognition for its efforts to promote innovation through the use of emerging technologies and creative solutions, such as VR, AR, Holograms, and AI.

During this time, I also contributed to Visyon's sales team. Specifically, I played a role in defining and implementing the sales strategy for the company's first SaaS platforms that utilized Virtual Reality technology.

Founding Partner and CTO, Innova Systems Group, Barcelona

MARCH 2006 — DECEMBER 2010

Innova Systems Group specialises in applications of vision computing for reading license plates using neural networks.

We commercialized over 2,000 license plate readers during this period in the parking, safety, and traffic sectors. The most emblematic parking facilities that we installed were the new terminal T1 Barcelona Airport, the network of car parks BSM (Barcelona Municipal Services) and SABA in Barcelona, the headquarters of Bank of Spain, Iberdrola, Securitas Direct, Sanitas and the parking of the Mexico City International Airport.

Founding partner and CTO, Iris Control Systems, Barcelona

FEBRUARY 2000 — JANUARY 2006

During my time at Iris Control Systems, I developed machine vision systems for production line quality control, energy metering systems for gas supply in residential buildings, and irrigation controllers with remote programming capabilities using GPRS modems for both public and private gardening.

Education

Master in Data Science, Nuclio Digital School, Barcelona

FEBRUARY 2023 — JULY 2023

I have reinforced my previous training in SQL, Phython, Machine Learning and Deep Learning, as well as Computer Vision, Natural Language Processing (NLP), Generative Artificial Intelligence and MLOps.

Master in E-Business, University Ramon Llull - La Salle BCN, Barcelona

SEPTEMBER 2010 — JUNE 2012

Technician Engineer of Telecommunications in Electronic Equipment, University Ramon Llull - La Salle BCN, Barcelona

SEPTEMBER 1990 — DECEMBER 1994