

# Fernández Román, Joel

Data Scientist | Data Engineer | Software Developer



SUMMARY

I am a computer engineer with a special interest in data science, statistics, and artificial intelligence. I have a passion for stock analysis, risk management, and portfolio theory, with solid software development skills, especially in Python.

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🏠: <https://joelfernandezroman.github.io/>

in : [Joel Fernández Román](#)

## Experience



Feb 2023 – Jul 2024

**Data Engineer Jr. at [mjn-neuro](#)**

SUMMARY

Software development in Python, focused on data analysis and training of artificial intelligence algorithms. Actively participated in MJN's main project.

- Lead developer for the VISOR graphical application (backend & frontend), responsible for managing Bluetooth connections and data logging via Bluetooth.
- VISOR Project: [https://www.iiia.csic.es/en-us/research/project/?project\\_id=234](https://www.iiia.csic.es/en-us/research/project/?project_id=234)
- Algorithm developer for the runtime functionality in SERAS (<https://mjn.cat>), specializing in real-time evaluation of the algorithm and managing mobile alerts in cases of epileptic seizures.

## Languages



Spanish : Native  
English : Intermediate

## Skills



**Python :** ★★★

Data Analysis ETL Machine Learning

Object-Oriented Programming (OOP)

NumPy

**Machine Learning :** ★★★

Exploratory Data Analysis

Statistical Analysis Supervised Learning

Unsupervised Learning

Data Preprocessing

**Data Engineering :** Advanced

Data Extraction and Transformation (ETL)

Flask API SQL Databases

**LaTeX :** ★★★☆

Technical Documentation

Scientific Papers Presentations

**Soft Skills :** Advanced

Teamwork Public Speaking

Jun 2022 – Sep 2022

Cashier and Stocker at Mercadona

Jun 2021 – Aug 2021

Cashier at Mercadona

Jun 2020 – Sep 2020

Restaurant Server at Marsol Hotels & Resorts

Jun 2019 – Sep 2019

Restaurant Server at Marsol Hotels & Resorts

Education



Oct 2024 – Jun 2025

Master's Degree in Master's in Data Science and Artificial Intelligence  
from Universitat de Girona with GPA of In progress

Sep 2019 – Jun 2023

Bachelor's Degree in Computer Engineering  
from Universitat de Girona with GPA of B

Projects



Interests



Sports :

Formula 1 Padel Tennis Gym

Studies :

Finance Business Cycle Theory  
Portfolio Management Stock Market

Games :

Chess