



# JEAN BAPTISTE GIDROL

DATA SCIENTIST / MLOPS / ANALYST

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## PROFILE

With skills in teamwork, highly adaptable to new environments and eager to tackle high-paced problem-solving. I recently followed my ambition to learn coding and found my entry point through game development. This initial exposure, combined with my passion for problem-solving, numbers, and optimization, naturally led me to further explore the field of data science with a Bachelor's in Data Analysis and a Master's in Data Science

## WORK EXPERIENCE

### Data Engineer / Analyst Intern

Pragaz

Lyon France 07/2022-10/2023

- **Developed and implemented interactive dashboards** : using Dash, leveraging years of delivery data to visualize client locations and extract valuable business insights.
- **Data-driven business development initiatives** : including the creation, testing, and deployment of a web application and ETL pipeline, automating data scraping processes to streamline lead generation efforts.
- **Technical stack** : AWS (EC2, S3, RDS), Docker, Dash, Streamlit, PostgreSQL, Selenium, BeautifulSoup, Github Actions, Pytest, Pandas, SQLAlchemy

## PROJECTS

In my bachelor and master's I've completed 18 full projects that reflect my skills and knowledge, here are some of them :

2022-2024

- **Energy Consumption Forecasting**: Applied supervised learning and feature engineering for energy prediction, optimizing with Optuna and providing interpretability via SHAP.
- **Customer Segmentation Analysis**: Utilized RFM, k-means, AHC, and PCA for client segmentation, maintaining model accuracy with ARI metrics and regular updates.
- **Multimodal Classification Research**: Developed CNN-based text and image classifiers, enhanced with transfer learning and data augmentation. Published a paper on advanced text classification with LLM.
- **Loan Scoring Automation**: Designed a machine learning loan scoring system, automated with MLflow, GitHub Actions, Docker, and deployed as an API with a Dash dashboard.
- **Big Data Analytics on AWS**: Conducted large-scale data processing with AWS EMR, EC2, Spark, and PySpark, managing resources and data via AWS CLI and S3.
- **AI Project Leadership**: Learned how to lead an AI project with a strong focus on risk analysis and mitigation, employing SCRUM and Agile methodologies.

Projects Repositories: <https://github.com/Noxfr69>

## PERSONAL

Between 2015 and 2019, wanting to see the world, my life was an adventure across Japan and China, driven by a love for travel and language learning. In this colorful journey, I worked in video editing and English teaching, soaking in the richness of diverse cultures. Returning to France in 2019, I brought my linguistic skills to the prestigious Shangri-La Hotel's Michelin-starred Chinese restaurant as Head Waiter, a role I had until early 2022.

This chapter was a mosaic of experiences, shaping my adaptability, problem-solving skills, strong interpersonal qualities and eagerness to learn. It instilled in me a multifaceted skill set and a mindset that thrives on innovative solutions and embracing change.

## SKILLS

- Python
- Machine Learning
- MLOPS
- Spark
- CI/CD
- Tableau
- Docker
- Problem-solving

## EDUCATION

### OpenClassroom - CentraleSupélec Master's in Data Science

2023-2024

### OpenClassroom - ENSAE

### Bachelor's in Data Analysis

2022-2023

### University of Rennes 2

### Bachelor's in Video editing

2014-2015

## LANGUAGES

French, English : fluent

Chinese, Japanese : B1

## REFERENCES

### Benjamin Tardy

Senior Data Scientist at Bedrock Streaming  
Relationship : Mentor during my master's

[benjam.tardy@gmail.com](mailto:benjam.tardy@gmail.com)

Recomendation letter:

### Julien Chaudenson

Data & BI Manager at Alltricks.com

Relationship : career transition advisor

[julien@alltricks.com](mailto:julien@alltricks.com)

## HOBBIES

Game Development

Video editing

Baseball