# JEAN BAPTISTE GIDROL

## DATA SCIENTIST / MLOPS / ANALYST

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## PROFILE

With skills in teamwork, adaptability, and high-paced problem-solving—imprinted through diverse past experiences—I always had an underlying desire 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 data science. Immediately hooked, I find myself now, just a year and a half later, on the verge of completing my Master's in Data Science, having already earned a Bachelor's in Data Analysis. I'm eager to tackle new challenges in the data science arena.

## WORK EXPERIENCE

### Data 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 Prediction:** Supervised learning, hyperparameter tuning with Optuna, feature engineering, SHAP.
- **Online Client Segmentation:** RFM analysis, ARI metrics, model update frequency, unsupervised algorithms, k-means, AHC, PCA.
- **Text & Image Classification:** Text algorithms, CNN and transfer learning, data augmentation. Authored a paper on Text classification with LLM
- **Loan Scoring System:** Designed a loan scoring system with an MLflow pipeline, automated through CI/CD using GitHub Actions and Docker. Deployed the model as an API and created an associated dashboard using Dash.
- **Big Data Processing on AWS Cloud:** Performed big data processing using AWS services such as EMR, EC2 clusters, Spark, and PySpark. Managed resources using AWS CLI and S3.
- **AI Project Framing:** Managed an AI project employing SCRUM and Agile methodologies, focusing on risk analysis and mitigation strategies.

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

### Head waiter

Shangri-La Hotels *****, Shang Palace *          Paris France   2019-2022

- **Optimized operational workflows** to enhance customer experience and improve team efficiency.
- **Part of a high-performing team** in a fast-paced, high-stakes environment, developing strong interpersonal and leadership skills.
- **Utilized attention to detail** to ensure perfection in every aspect of service, highlighting a keen eye for quality.

### English teacher

ABC language school          Beijing China   2017-2018

- **Designed and executed lesson plans** for 240 students weekly, requiring strong organizational and multitasking skills.

### Video Editor

Phoenix New Media Ltd. - ifeng.com          Beijing China   2016-2017

- **Managed multiple project timelines** and deliverables simultaneously, honing project management skills relevant to tech development cycles.
- **Translated client requirements** into polished final edits, utilizing analytical and problem-solving skills to achieve the desired narrative and visual impact.

## SKILLS

- Python
- MLOPS
- CI/CD
- Docker
- Machine Learning
- Spark
- Business Intelligence
- 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
Chinese
Japanese

## HOBIES

Game Devellopement

Video editing

Baseball