Mathieu GOLOS
DATA SCIENTIST
Freelance / Fixed-term / Permanent – Remote

Introduction

Versatile with a profile oriented towards science and programming, I am an altruistic and creative worker. I like my autonomy, but I flourish within a team with which it is essential for me to create links.

Radar chart legend:
- Data Scientist
- ML Engineer
- Data Analyst
- Data Engineer

Radar axes: Metrics & Reporting, Data Visualization, Storytelling, Business Insights, Data Tools, Databases, Data Pipelines, ML Ops, Model Deployment, Stats & ML Modeling, Inference, Experimentation

Programming
Python	◉◉◉
Matlab	◉◉
C++	◉
Git	◉◉
PostgreSQL	◉

Science
Statistics	◉◉
State of the Art	◉◉
Modelling	◉◉◉

Web
Webscraping	◉◉◉
Streamlit	◉◉◉
Django	◉◉◉
HTML / CSS / JS	◉

System
Linux, Windows	◉◉◉
Shell Script	◉◉
DevOps tools	◉
Cloud Services	◉
Multithreading	◉◉

Expression
English	◉◉◉
French	◉◉◉
Spanish	◉
Agiles Methods	◉◉◉
Office / LaTeX	◉◉

Soft Skills
- Critical thinking
- Intuitiveness
- Sociability
- Flexibility
- Autonomy

Timeline

Data Scientist – Jagger & Lewis (Lille)
2024 — 1 yr
Recognition of animal behaviour ; Cleaning, checking and analysing the data ; Development, maintenance and optimization of algorithms, pipelines and APIs
Regression, Time Series, API, Webscraping
Docker, Scaleway, Kubernetes, Notion, R&D, independent

Data Scientist Clinical – Lindera (remote : Italy, Germany)
2023 — 2 mth
Intermediate between the Clinical and Data Science teams ; Cleaning, checking and analysing the data; Code refactoring and optimization

Data Scientist – XRATOR (remote : France, Vietnam)
9 mth
Improve Cyber Risk Management and Reporting for IT or CISO: SOTA study ; Study, Extract, Clean, Manage and Analyze data ; Identify gaps and use data for risk quantification ; Creation, Refactoring and Optimization of code ; Tools development
NLP, NLTK, Spacy, Partitioning, Imputation, Regression, Transfer Learning, API, Django, Prefect, Webscraping
Docker, Kubernetes, OVH, Azure Storage, GitLab, Jira, Agility, R&D, independent

Machine Learning Engineer Internship – OpenClassrooms (Lille)
2022 — 8 mth
API, Image recognition, Customer segmentation, Regression, Prediction, Application conception, Cleaning
SOTA, NLP, XMC, Deep Learning, Transfert Learning, k-means, HCA, DBSCAN, SVM, Random Forest, Boosting

2021 — COVID

DevOps Engineer – Alpha Conseils (Paris)
2020 — 10 mth
Automate the environment and develop a web interface for connecting accountants and professionals with the web library Django

Training – EduGroupe (Paris)
2019
SecDevOps Development Consultant Course

Independent Research (Lithuania)
2018 — 1 yr
Personal project : scriptwriting and linguistics research

PhD Candidate – INS, INSERM (Marseille)
2017 — 5 yr   Pub.1 Pub.2
Multistability in large scale modeling of brain activity ; Comparative analysis using functional connectivity dynamic between epileptic patients and controls ; Developing my own simulator ; Tools development for preprocessing / analysis
k-means, PCA, ICA, Signal processing, FCD, Neural networks, HPC, Medical imaging

Assistant Engineer – INS
Creation and study of a dynamic model for publication ; Machine learning of activity configurations ; Creation of learning algorithms

Master degree – Rennes1
2012 — 2 yr
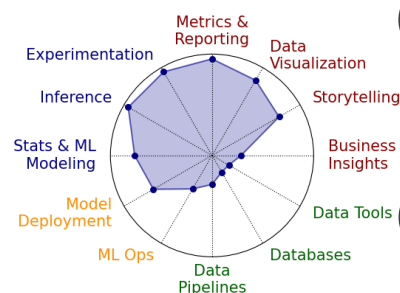Modelling and Scientists Calculus

Bachelor Degree – Lille1
2010 — 1 yr
Fundamental Physics

Technical degree – Valenciennes
2008 — 2 yr
Physical Measurements - Material Engineering

Portfolio

Contact Me
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LinkedIn GitHub

More about me
Music : listening and practicing (piano, guitar, ukulele, flute, singing)
Sports : badminton, aikido, hiking
Any medium that can transport me: visual arts, books, manga, TV-shows, movies, games
As well as sciences in general, philosophy, chess, drawing, the debate of ideas