
 Driving licence (B)
 Aix-en-Provence,
Marseille, Avignon,
Istres, Fos-sur-mer

Languages

French

English

Certification

Dataiku : Advanced
Designer

Soft Skills

Tenacious

Curiosity

Team spirit

Resourceful

Interests

Bass

Guitare

Drawing

Benoit Arliaud

Freelance Data

7 years experience in AI and software development

Work experience

● Data Scientist | Data Engineer

Since July 2022 [Digglerz Factory](#) Aix-en-Provence

I work with a developers team on a data augmentation software :

- **NLP** for Record Linkage and deduplication with **PostgreSQL** and **Elastic Search**
- Assistant Rag to answer questions from a knowledge database with **Ollama**
- Data visualization chat based on tabular data with **OpenAI**
- Anomaly detection and resolution with **Sklearn** and **Elastic Search**
- Webscrapping with **LLM**
- Extracting data from CVs using **Python**, **LLM**, and **Tesseract**.

● Data Scientist

From September 2018 to July 2022 [Nodya Group](#) Aix-en-Provence

As a data scientist consultant, I have undertaken several missions for different companies :

- **Sales Forecast** with **ML** in AWS
 - Implementation and training of **Time Series** models : **Random Forest**, **ARIMA**, **LogisticRegression**.
 - Compute metrics and best model strategy
 - Visualisation of results in **PowerBI** dashboard
 - Setup of **MLOps** practice in **AWS** environment : DataLake connection, **CI/CD**, **Docker**
 - Automation of execution monthly
- **Mail classification** within a team of Data experts
 - Text cleaning : regex filter, lemmatization, tokenization, stopwords
 - Compute word embedding with **fasttext**
 - Implementation of Deep Learning model with **Keras**
 - Performance analysis and metric computation
- **Images recognition** on aircraft parts
 - Use of segmentation and classification **Deep Learning** algorithm
 - Performance evaluation
 - Deployment and creation of web UI

● Software Engineer

From March 2017 to July 2018 [Sogeti High Tech](#) Aix-en-Provence

Development of 3D simulation in a team with **Unity3D** to replicate the behavior of an embedded calculator of an urban subway.

Education

● Degree in Applied Mathematics Engineering

From September 2014 to July 2017 [Polytech Nice Sophia Antipolis](#) Sophia Antipolis

- **Machine Learning** : Random Tree Forest, Logistic Regression, SVM, Neural Network, K-means.
- **Applied Mathematics** : Optimisation, Modelling, Statistics, Signal Processing.

● Scientific preparatory class MP/MPSI

From September 2012 to July 2014 [Lycée Paul Cézanne](#) Aix-en-Provence

Techniques

Operational

Git, Docker, Linux, CI/CD, VSCode

Languages

Python (pandas, numpy, keras, transformers, scikit-learn, opencv), SQL, C/C++, C#, GLSL

Tools / Cloud

Vscode, Jupyter, Dataiku, PostgreSQL, Elastic Search, PowerBI, AWS, Unity 3D, Krita, Blender

Skills

AI

Overview on a variety of machine learning / deep learning areas : time series, nlp, computer vision, MLOps

Software Development

Agile teamwork and best software development practices.