

# MAXIME BATAILLE

## Data Science & AI : Looking for a work experience in Data Science

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## EXPERIENCES

### Data Analyst

#### Hemea : Linking people and building contractors to facilitate renovation work

July 2020 – December 2020    Paris, France

- Building a scoring model (machine learning) to prioritise the processing of sales leads.
- Building a turnover prediction model.
- Creation of dashboards in order to steer the commercial activity via Chartio.
- Technologies : Python, Sklearn, MLFlow, PostgreSQL, Chartio.

### Data Scientist

#### Petzl : Technologies to facilitate accessibility in the mountains

April 2019 – September 2019    Grenoble, France

- Integrated into the supply chain department. Time series analysis to improve sales forecasting.
- Clustering of seasonality profiles (KMeans, Hierarchical Clustering).
- Technologies : Python, Sklearn, Pandas, Dataiku, PowerBI, SAP.

### Business Developer

#### Mountain GO : Carpooling for mountain sports

July 2018 – August 2018    Grenoble, France

- Commercial prospecting.

## PROJECTS

### Data Analyst ADA Blois Basket - PRO B France

#### Data analysis for a professional basketball team

Since August 2020    Blois, France

- Web scraping of match data.
- Production of dashboards via Tableau and ad-hoc analysis.
- Automation of the data pipeline from web scraping to Tableau.
- Technologies : R, Python, Scrapy, Tableau.

### Modelling the success of a meniscus operation

#### Machine Learning

March 2019    Paris, France

- Development of a machine learning model (KNN).
- Creation of an interface via a REST API (Flask).
- Technologies : Python, Sklearn, Pandas, Flask.

### Indexing a data library of the startup Namr

#### Machine Learning and NLP

December 2019    Paris, France

- Development of a model to predict the theme of a database. Solving a multi-classification problem.
- Feature Engineering using NLP techniques.
- Technologies : Python, Sklearn, Pandas, NLTK.

## FORMATION

### Master Degree in Computer Science - Major in Artificial Intelligence

#### CYTech, Cergy-Paris, France

September 2016 – December 2020

### Master Degree in Management

#### Grenoble Ecole de Management, Grenoble, France

September 2016 – September 2020

### Preparatory class for business schools

#### Descartes high school, Tours, France

September 2012 – April 2015

## SKILLS

Machine Learning    Deep Learning  
NLP    Time Series    Statistics  
Agile Method

Pandas    Scikit Learn    PostgreSQL  
Github    Dataiku    MLFlow    Jupyter  
Tableau    Chartio    Data Studio  
Excel    Shiny

## PROGRAMMING

Python    ●●●●●  
R    ●●●●●  
PostgreSQL    ●●●●●

## LANGUAGES

French    ●●●●●  
English    ●●●●●  
Spanish    ●●●●●

## HOBBIES

- Trail-Running (UT4M, Échappée Belle among others), Football
- Reading
- Medium author : Articles combining sport and data science : <https://medium.com/@bataillema>