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Skills

Data Science

Analysis, Manipulation,
Visualisation, Machine Learning
Python (Numpy, Pandas,
Sklern, Keras...), Dashboards
Creation, SQL.

Dev Skills

Linux, DevOps, Docker, Git,
CI/CD, Unit Tests, AWS, Web,
APIs, Android.

Soft Skills

Project management,
communication, vulgarization,
team work, curious, honest and
smiling :)

Extra Professional

Track and Field

Half Marathon and 400m.

Roadtrips

- Europe Tour with Interrail.
- Motorcycling Vietnam.
- Cycling French Atlantic coast.

Cultural Interests

Litterature, cinema and
photography.

Languages

French

Native

English

Fluent (930 TOEIC)

Maxime Caitucoli

Data Scientist

Passionate and involved, currently looking for missions preferably in the fields of energy and environment.



Experience

Data Scientist

From September 2022 to January 2023 **Rosa.io** Bordeaux

- Analysis and interpretation of Earth Observation data (ESA's Sentinel space mission).
- Creating features and visuals from satellite images with Xarray.
- Developing an internal library to get and treat the raw images.
- Developing a web app with Plotly Dash and deploying it on Heroku.

Data Scientist

From January 2020 to May 2022 **Metron** Paris

- Analysis and interpretation of international industrial energy data.
- Building and deploying Machine Learning models.
- Development of documented and tested Python libraries (CI / CD methods).
- Active member of Python's practice community: code reviews, cross-functional tools, comprehensive documentation, knowledge transfer.
- Creation of a data generation library.
- Creation of an anomaly detection and data consistency library.
- Development of an aggregation calculation engine based on Pandas.
- Development of a Preliminary Analysis webapp with Streamlit (PoC).
- API Routes on GraphDB with FastAPI.
- Project management in DevOps mode.

Data Scientist

From March 2019 to August 2019 **Beebryte** Singapour

- Analysis and interpretation of energy data.
- Construction of artificial intelligence models.
- Detection and exploitation of energy saving opportunities.

Formation

Data Science and Energy Transition

From 2016 to 2019 **IMT Mines d'Albi-Carmaux** Albi

Major

Data Science, Machine Learning, Big Data, IoT applied to energy.

Common Base

Energy and Transfers, Programming, Process Chemistry, Fluid Mechanics,
Project Management, Decision Support, Management...

Projects

4L Trophy 2019: Lead a communication and sponsoring campaign, learn car mechanics in a professional high school, manage a project over a period of 2 years.

CPGE PC*

From September 2014 to July 2016 **Lycée Paul Cézanne** Aix en Provence