

**Baptiste MAINGRET**

Machine Learning Engineer

After 5 years assisting clients in their IT transformation projects, I moved towards the new challenges offered by the data revolution. I enjoy diving into new challenges and finding elegant and efficient solutions.

**Skills**

Project management  
Predictive analysis  
Machine Learning  
MLOps  
Internet of Things

Python

Java

SAS Viya

AWS SageMaker

GCP

SQL

**Languages**

English (fluent)

French (native)

**Publications**

Bitcoin : Pourquoi cette monnaie virtuelle défraie la chronique ? (2014)

Towards a Decoupled Context-Oriented Programming Language for the Internet of Things (2014)

Website : bmaingret.github.io

**Hobbies**

Guitar

Running

Trekking

**Experiences****2020-2021**

May 2020  
July 2021  
(15 months)

**ML and interoperability engineer - Institut de Cancérologie de Lorraine****Data and Machine Learning**

ML projects: Length Of Stay prediction (regression tree, linear regression), clinical research recruitment prediction (NLP, classification tree).

Data preparation, data analysis and dashboards.

Configuration and operations of SAS Viya and Python environments.

**Enterprise Application Integration**

70 inter-applications processes (patient record, billing and financial, HR).

Support for transfer of clinical and administrative data standards (HPRIM, HL7, Apicrypt).

**2014-2019**

Apr. 2018  
July. 2019  
(15 months)

**Consultant – Wavestone****IoT Expert and IoT PM (aeronautics)**

Support IT team on sourcing IoT solutions (sensors, connectivity, platform) through RFP. Assist the Program Manager Director in managing the different streams of the program.

Apr. 2018  
July. 2019  
(15 months)

**IoT aeronautic business team management**

Define the market research plan.

Conduct pre-sale meetings and project costings.

Nov. 2016  
Dec. 2017  
(13 months)

**Telecom & Security Project Manager (cosmetics)**

IT transformation projects: worldwide company site IP readressing, industrial company sites network isolation.

Design reporting dashboards on Splunk.

Jul. 2015  
Nov. 2016  
(17 months)

**Datacenter & Security Operations Manager(energy)**

Lead several datacenter & security services operations and IT partners to ensure proper functioning and SLA of our IT services.

Define evolution projects to ensure competitive services and client satisfaction.

Jan. 2015  
Jun. 2015  
(6 months)

**WLAN RFP (industrial)**

Worldwide renewing and standardization of enterprise WLAN (2000 sites, 80 countries): market study and RFP (RFP writing, bidder interview, bids analysis and final choice).

**Education****2019-2021****Training in Data Science & Machine Learning**

- Descriptive analysis: descriptive statistics, uni/bi-variate analysis
- Feature engineering: ACP, word2vec, KNN imputation
- Machine learning : regression, classification, clustering, Natural Language Processing (RNN, LSTM), image classification (CNN, ResNet),
- Model optimization: cross-validation, grid/random search
- MLOps (AWS SageMaker and GCP)
- dengAI project: Facebook Prophet and AWS Sagemaker

**2019****Microsoft Azure Architect Technologies AZ-300****2016****Certification ITILv3 Foundation – EXIN****2009-2014****Master of Engineering INSA Lyon - Telecommunications, Services & Uses**

- Software development: Google AppEngine, Android
- Development of gololang: JVM-based contextual programming language

**2009****High School diploma, scientific option (equivalent to A Levels)**

With high honors – Mathematics options – English European Section