

Thomas Lentali

DATA SCIENTIST

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Summary

Data Scientist at Betclac in Bordeaux, France. 5+ years experience specializing in machine learning applied to a broad-spectrum of field like search engine relevancy, product recommendation, bot detection, NLP, computer vision, financial fraud, gambling addiction detection, lifetime value prediction. My aim is to turn abstract knowledge into real world application and solving tools. I am an open minded nerd who act to stay sharp in his domain trough helping other (top 1% on Stackoverflow), competitions (Kaggle competition expert) and open source contributions. And even if I am clearly driven by the data science field, I also defend the #1 Google ML Rule "Don't be afraid to launch a product without machine learning".

Work Experience

Betclac Group

DATA SCIENTIST

Bordeaux, France

Jun. 2019 - current

- Anti Money Laundering detection.
- Responsible gambling (addiction behavior) detection.
- Personalized offers for emailing campaign.
- Lifetime value prediction.

Using : Pandas, Scikit-learn, Pytorch, Tensorflow2/Keras, Shap, Airflow, AWS, Unittest/Pytest, Great Expectation...

Cdiscount

DATA SCIENTIST ADVISOR

Bordeaux, France

Nov. 2018 - Mai. 2019

- Massive customer clustering.
- Bot detection (pattern analysis).
- Sentiment analysis (Natural Language Processing).
- Object detection in picture (Mask-RCNN, COCO dataset).

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Bordeaux, France

Oct. 2016 - Oct. 2018

- Search engine relevance.
- Recommendation engine.
- Algorithms evaluation (A/B testing).
- Focus on website's KPI improvement.
- Python development (Scikit-learn, Numpy, Pandas, Scipy, Luigi etc).
- Hadoop Hive & SQL Databases.

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DATA SCIENTIST INTERN

Bordeaux, France

Mar. 2016 - Sep. 2016

- Marketing targeting : behavioral analysis and improvement of the search engine relevance through AB test, proof of concept personalisation client (classification and clustering).
- Geographical data : Purchase forecasting by geographic zone.
- Statistical analysis : data enrichment with INSEE database, implementation and development of geocoding tool.
- Intern innovation contest : Setting of a new operational service for the client, forecasting system of product storage to allow express delivery.

Idaia Group

DATA SCIENTIST INTERN

Bordeaux, France

Jun. 2015 - Aug. 2015

- Sourcing, implementation and development of machine learning tools (mainly multiclass classification) in Python and Scala into Apache Spark large-scale data framework.

Education

Bordeaux University

MSC. APPLIED MATHEMATICS

Bordeaux, France

Sep. 2014 - Jul. 2016

- Optimization, operation research, machine learning, statistics, C++, Python, SQL.

Toulon University

BSC. APPLIED MATHEMATICS

Toulon, France

Sep. 2011 - Jul. 2012

- Statistics, probability, econometrics, R, Matlab/Octave.

Toulon University

BSC. PURE MATHEMATICS

Toulon, France

Sep. 2008 - Jul. 2011

- Algebra, analysis, topology, measure theory, graph theory, C, Matlab/Octave, Wolfram Mathematica.