Maël FABIEN

Data Scientist
(22 years old)

Nationality: France, Luxemburg

+ (00) 33 7 87 20 40 33

mael.fabien@gmail.com

10 rue du Roi de Sicile, 75004 Paris

Social

BLOG *https://maelfabien.github.io/*

https://github.com/ maelfabien

https://www.linkedin.com/ in/mael-fabien/

Medium *https://medium.com/ @mael.fabien*

Language

- French (Mother Tongue)
- English (C2)
- German (B2)

Interests

- Statistics
- Machine Learning
- Deep Learning
- Actuarial Science
- Reinforcement
- Data Visualization
- Design/Web
- Sports

Other

As I love writing, I also started a freelance activity and contribute to other blogs such as this one.

Education

Bachelor of Science Economics
HEC Lausanne (16')

UNIL | Université de Lausanne
HEC Lausanne

Economics, Statistics, Financial Mathematics

Mater of Science Actuarial Science
HEC Lausanne (18')

UNIL | Université de Lausanne
HEC Lausanne

Statistics, Mathematics, Stochastic Processes

Specialized Master Big Data
Telecom Paris (19')

TELECOM Paris
IP PARIS

Big Data, Machine Learning, Deep Learning

Experience

anasen **07.2019 - Present : Data Scientist Intern**

Working on automated data discovery / modeling, building a graph recommender system and various topics as an end-of-studies internship.

VIVADATA **02.2018 - Present : Data Science Instructor**

Machine Learning Instructor for VIVADATA Bootcamp. Created course supports and gave lessons on Boosting, Anomaly detection, Hadoop, GANs…

Veamly **03.2019 - 07.2019 : NLP Data Scientist Intern (Part time)**

Created a Semantic Similarity Search Engine in Python for a messaging service

Python, Search Engine, Hierarchical Embedding, Sentence Embedding

pôle emploi **09.2018 - 06.2019 : Deep Learning Research Project**

Research projet for the French employment center on multimodal emotion recognition for Text, Sound and Video. Built a web app on top with Flask

Python, NLTK, Keras, Tensorflow, Flask, HTML, CSS

vaudoise **02.2018 - 08.2018 : Non-Life Actuary Intern, Vaudoise**

Redesign of a private Accident Insurance product. Statistical analysis, anomaly detection, product pricing (MLE, robustness tests, profit testing, simulations).

R, VBA, Tableau

UNIL | Université de Lausanne HEC Lausanne **09.2016 - 03.2018 : Student Teaching Assistant**

Student Teaching Assistant for the 3rd year Bachelor course of Corporate Finance and Public Finance, 40% position on the side of my studies.

Loomky **2016 - 2018 : Entrepreneurial Projects**

Jury Prize winner of the Entrepreneurial Contest Start Lausanne after a 6 months competition among 65 startups, 5'000 $ prize.

Recent Projects

- AI Writer on Medium : https://medium.com/@mael.fabien
- Created a data science blog : https://maelfabien.github.io/
- NLP / Topic modeling from a comment data base
- Language Recognition using Markov Chains
- Data Engineering project (AWS EC2, Cassandra, Scala, Spark…)
- Deep Learning Facial Emotion Recognition and Landmarks Detection
- GANs for face generation
- Several Kaggle Competitions (EarthQuake, Forest Type…)

Stack

Daily user :
- Python (Pycharm, Jupyter…)
- Libraries (Sk-learn, NLTK, Keras, Tensorflow..)

Frequent user :
- R (RStudio), Scala (Zeppelin), Matlab
- SQL (Postgre, MySQL), HTML, CSS
- ElasticSearch, Kibana
- Cloud : AWS (EMR, EC2..), Google Cloud Platform

Used in several projects :
- Hadoop, Spark, Cassandra, MongoDB, Neo4j, Hive