Aymeric Flaisler – Data Scientist
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French Nationality
MSc. in Applied Mathematics

Summary

Data professional with extensive experience helping organisations leveraging large volumes of data in a secure and reliable fashion. I am also an experienced data engineer with cross-skills spanning machine learning, predictive analysis, integration, pre-sales support and project management.

I am passionate about tackling challenging architectural and scalability problems.

Education

2016 / 17   **Galvanize - San Francisco, CA**
- Full-Time Data Science Immersive program focusing on EDA, Predictive model building, Penalized regressions (linear and multiclass), Ensemble methods (Bootstrap, RF, Boosting) and deep learning.
- **Project title:** 2017 Formula one results prediction adjusting for weather and strategy (game theory)

2006 / 09   **University Paris-Dauphine - Paris, France**
- **MSc.** – Applied Mathematics and Information Technology major
- **Core modules:** Mathematical analysis and optimization, probability and statistics, stochastic and determinism modeling

Professional experience

Jul-17 / Present   **Data Science Instructor – General Assembly, London**
Modules:
- Python, Numpy & Pandas fundamentals - Exploratory Data Analysis
- Linear & logistic regression with regularisation and model evaluation
- Non-parametric models from Scikit-learn
- Natural language processing with sentiment analysis (Including LDA, Doc2vec, Word2Vec)
- Unsupervised learning, clustering algorithms, principal component analysis (PCA)
- Introduction to the probability theory and Bayesian modelling
- Time series analysis including S-ARIMA and VARMA models
- Introduction to neural networks and hyper parameters tuning
- Recommender systems: content filtering and collaborative filtering
- Big data tools including AWS EC2, Spark, Hive

Feb-18 / April-18   **Data Engineer (Contract) - Merkle | Aquila, London**
- Design, program, simulate and test automated data retrieval with Apache Airflow. Automated 30+ mission critical reports.
- Overall architecture: AWS (EC2, S3), Airflow, RabbitMQ, Celery workers, postgreSQL

Sept-15 / Aug-16   **Co-founder and CEO – crowdclassics.co.uk, London**
CrowdClassics is a crowdfunding platform allowing anyone to invest into classic cars from £50. Invest as much or as little as you choose in individual historic car expertly curated by our in-house experts. "Own a part of a legend. Get modern returns."

May-15 / Dec-16   **Lead data Science/Engineer (Contract) – endource.com, London**
- Implementation of reliable and resilient ETLs from front end to Google Big Query
- Developed an automated solution with all key KPIs reporting autonomously
- Implementation of ETLs to consume metrics and reports from 3rd party REST APIs (Skimlinks, Affiliate Window, Linkshare)
- Created a recommendation engine based on users' interactions with a TDD approach to score to the recommendations
- Created a clusterization of the user base using and applied it to the site in almost real time using spark/Hadoop

Aug-14 / *May-15*	**Product & Insights manager – carwow.co.uk, London (£4.6m Series A, Dec. 2014)**

- Designing and scripting of Python ETLs to:
  - download, store and load third party data into central relational databases
  - transform and upload data through PostGRES instances
- Responsible for online conversion reporting ETL and data quality
- Review data pipelines and proposing short term remediation approaches and long term data quality strategies
- Responsible for online conversion reporting and data analysis to help identify opportunities for site improvements

Nov-11 / *Aug-14*	**Data analyst – SecretEscapes.com - London, UK ($60m Series C, 2015)**

- First Full Time Data Analyst
- Implemented automated scripts and developed tools to reconcile data from more than 10 sources into a single database
- Identified, defined and implemented measurement strategies that align with marketing and business objectives. Analyze user behavior, conversion data and the customer journey, funnel analysis and multi-channel attribution

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Languages

Spoken
French: mother tongue
English: read, written and spoken - IELTS: 7.5/9

Computer skills
Python (pandas / numpy / scikit-klearn), Airflow, Spark, AWS (EC2/S3/Redshift), Google Big Query, Google Analytics/GTM/Snowplow, R, MongoDB, SQL