



Olivier RANDAVEL

Data Scientist



10 Mai 1996



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About me

Data are my motivation and helps to get out of all barriers. As a data scientist I am multitasking. I understand mathematical aspects of machine learning algorithms and build optimize workflow to put my model in production. Curious I always try to understand a project from start to end point. Business is a major aspect and any projects must be business oriented. In private I am turned to nature, spend my time biking and like doing badminton. I am outgoing and I love sharing board games evening with friends. Finally I enjoy working with international people and learning from their culture.

Skills

Python

GCP : BigQuery-VM-CloudEngine

AWS : CloudServices

Tableau-DataStudio

JavaScript

C++

Neo4j - GraphX

English(Fluent)

Objective

Seeking for full-time job as a Data Engineer / Data Scientist, available from October 2020

Education

2019-2020	Master 2 IASD Part-time Intelligence Artificielle, Systèmes et Données, PSL	Paris Dauphine University
2017-2018	Master 1 Apply Mathematics Speciality: Statistics (Bayesian and frequentist)	Paris Dauphine University
2017	Bachelor Graduation Graduated of Mathematics, Economy, Finance and Actuary with honour (Good)	Paris Dauphine University
2016-2017	Erasmus exchange Mathematics and engineering department	Lund University Sweden
2014-2016	Degree Mathematics and Economics	Paris Dauphine University
2012-2014	High School : Mathematics, Biology and Physics	Beauvais - Saint-Esprit

Experience

Sept 20-19	M13H - Labelium -Data exploration GCP (BigQuery) - SQL / RegExr -Report automation from BigQuery to Google spreadsheet - JavaScript / SQL / GCP VM -Creation of flask pipeline to automate creation of bigquery tables - Python -Academic 1 year thesis : SEO Improve referencing of Amazon product (cf. Technical Information) -Report automation from Bigquery to DataStudio	Part-time : Data Scientist - Paris
Jan-Jul 2019	Numberly -Data exploration Hadoop - HQL -Implementations of media dashboards using Excel, DataStudio -Optimization of RTB campaign with DV360 -Creation of Media KPIs with the data scientist team to improve studies (in Python,Spark) -Creation of documentation to present Numberly's studies - Google site	Intern : Data Analyst - Paris
Jul-Dec 2018	Teads -Reorganization of the data storage methods coming from Nielsen, Oracle and Liver-amp (1st/2nd/3rd party data) -Build charts using SQL language. Analyzing data using google BQ -Creation of a new audience tool to target consumers -Internal communication with data experts	Intern : Data Product Manager - Montpellier
Jul-Aug 17-16	BNP Paribas Working at BNP Paribas (Banque Nationale de Paris), in the international capital flow department (use of English) : -Conducted financial risk analyses, investigated on specific frauds -Control and edition of credit cards. Analysed and created files concerning money laundering	Bank employee - Paris

Technical Information

School's Projects : available through the git link

- Data Visualisation using Python (Seaborn/Matplotlib libraries), and Tableau Software. Makeover-Monday.co.uk challenges used as exercices
- Deep Learning Project using Python (keras libraries) : create deep learning network for two projects : to play the game of Go with `keras_generator` and Convolutional network and image recognition to identify mask on images (www.kaggle.com/vtech6/medical-masks-dataset)
- Reinforcement Learning : simulate Bandit Manchot experiments, Markov decision process, Temporal difference learning (Sarsa, Q-learning) and approximation of value function using neural network.
- Spark project : optimizing k-means algorithm and FP-growth recommendation algorithm
- Thesis : creating a tool that better reference a Amazon product. This project has gone through statistical methods (TF-IDF, RAKE), deep learning method (Word2Vec, GloVe) and dimensional reduction (PCA, TSNE). Technical supply was done with GCP and Colab. Data was collected using NLP : selenium api.
- As master IASD representative, I create an evaluation form and coordinates interactions between professors and students. We present conclusions using Tableau software as a school project.
- Data Flow : detecting fraud events from a streaming source using Kafka and Flink (JavaScript)
- IA on Cloud : Building and deploying an IA job on AWS (Python). This model detect skin lesions and interact with an android app (JavaScript).
- Some other projects on git about Monte Carlo and Adversarial Attacks