



LEJEUNE Arnaud

Data Scientist

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Summary

Passionate about the issues surrounding data management and machine learning as well as being a graduate of IMT Atlantique, I decided to take a 'Master Spécialisé' at Telecom ParisTech to deepen my skills in Data Science.

Currently living in Montreal (Canada), I wish to move back to France in the coming months and am looking for a Data Scientist position.

Skills

Tools :

/ Pandas / TensorFlow
/ Scikit-Learn / Keras
/ Spark / AWS / GCP
/ MongoDB / Ubuntu / UNIX

Programming Languages :

/ Python / Java
/ Scala / WEB

Spoken Languages :

/ French : mother tongue
/ English : fluent (TOEIC 965)

Certifications :

/ Data Engineering on GCP (in the process)

Interest

/ 2016 – 2017 President of IMT Atlantique's student's union.

/ Handball goalkeeper in university league. Tennis player for more than 10 years

Experience

Data Scientist – Eidos-Montreal

July 2019 –

Within the Analytics and Data Science team, I took part in various analysis and prediction projects ensuring the follow-up of past projects (Deus Ex: Mankind Divided & Shadow of the Tomb Raider) and supporting the production effort of projects in conception / production (unannounced titles).

/ Development of an NLP tool to categorize and synthesize user and professional reviews. Transfer learning and fine-tuning of a BERT model on 500k scrapped reviews (metacritic, IGN, steam ...). Supervision of the internal labeling process of a reviews dataset and training of classification models (categorization and sentiment).

/ Exploration and cleaning of a live database of digital sales from the whole Square Enix group. Development of sales prediction models on our live titles. Use of state-of-the-art time-series methods and RNN / LSTM modeling.

/ In charge of the organization and versioning processes of our code base. Implementation of a common GitLab and complete setup of a common VM for Data Science.

/ Development of several scripts allowing the automation of cleaning and preprocessing tasks on internal data. Use of Airflow to set up jobs and interaction with Google Big Query.

Data Consultant – Wavestone

Sep 2017 – Aug 2018

/ Study of issues related to Big Data, Graphs databases and NoSQL databases. In addition to mapping the different use cases, I made a proof of concept on Neo4J (in python) and a benchmark of the different Graph solutions.

/ Took part in various consulting missions for major French accounts (SNCF, ENEDIS, Ministry of the Army) on subjects related to Big Data, Machine Learning and the architecture of their IS.

Education

Mastère Spécialisé Big Data – Télécom Paristech

2018 – 2019

/ Machine Learning (Sup. & unsup.) / Advanced statistics
/ Data Engineering (Spark & Hadoop) / NoSQL systems (MongoDB, Neo4J, ...)
/ Deep Learning (CNN, RNN, ...) / Reinforcement Learning (QL, SARSA, ...)

Ecole d'ingénieur généraliste – IMT Atlantique

2015 - 2018

Major : Organization and Management of Information Technologies

/ Big Data / Business Intelligence / Software architecture
/ Systems architecture / Change management / Project management

Core: / Statistics / Programming (Imperative, Object ...)
 / Social Sciences / Database management

Classes préparatoires MPSI/MP – Lycée Montaigne

2013 - 2015