

# Hadrien Négros

13 rue Duc  
75018 Paris  
☎ 07 86 51 20 36  
✉ [hadrien.negros@gmail.com](mailto:hadrien.negros@gmail.com)  
30 ans

## Experiences

- Jan 2019 – **Senior Data Engineer**, *RelevanC*.
- June 2019 Administration of a MapR cluster (20 nodes). Creation of *PySpark* workflows orchestrated by airflow. Data Infrastructure Management (~40 dedicated servers). Creation of Ansible playbooks for server installation and maintenance. Installation of 2 ElasticSearch clusters. Installation of a Kubernetes on premise cluster. Creation of a CI / CD via gitlab for Data projects, with deployment on Kubernetes.
- Dec 2014 - **Data Engineer**, *EDF*.
- Dec 2018 **Project Manager** Support of the migration of EDF web tracking tool (Comscore → Google Analytics) for our internal analytics needs: complete overhaul of integration workflow and evolution of DataMarts. Interface with GCP APIs (*Python*). Archive, reconciliation with Comscore data and with customer data (*Hive*). Transformations and distribution of the client ID (*PySpark*).
- Hadoop technical expert for EDF's Digital Division POCs:** Implementation of a java Spark job to generate a large number of personalized graphics intended to be shared to customers by email. (in production) Creation of a job of classification of text data with the MLlib of Spark. (withdrawn)
- Hadoop developer for the DataLake of EDF's Commerce division:** Various data integration works requiring Java (Map Reduce and Spark), Shell and Python development for the provision and the enrichment of data on Hive and HBase. Scheduling of these workflows with Oozie. Implementation of an ELK stack for application monitoring.
- since Sept **Freelance Teacher**, *Telecom ParisTech*.
- 2018 Taught the "Introduction to the Hadoop Framework" module of the Masters degree: Management and Analysis of Massive Data.
- since Feb **Freelance Teacher**, *Paris 1 Panthéon-Sorbonne University*.
- 2018 Created and taught the "Introduction to Big Data and Data Mining" course of Masters degree "Management of Information Systems".
- Mar-Sep **IT Specialist Intern**, *IBM*.
- 2014 Exploiting IBM's Big Data tools to help troubleshoot incidents in a *Cloud Data Center*. Creation of a BigInsights application (IBM's Hadoop distribution) for the analysis of incident tickets in natural language. Implementation of log analysis tools: Extraction, indexing, root cause analysis ...

## Skills

Programming languages	Python, Java, R, Bash...	Big Data	Hadoop ( <i>Mapr</i> , <i>Hortonworks</i> ), HDFS, YARN, Spark, Hive, Oozie, Hbase, Kafka, Nifi, Airflow
DevOps	Git, Docker, Kubernetes, CI/CD Gitlab	Data Science	Knowledge in Text-Mining and Machine Learning
Databases	Relational (Oracle, SQLServer, PostGres), NoSQL (ElasticSearch, Neo4j, HBase)	Other	Linux Administration. Information System Architecture.

## Other

English	Fluent	Driver license	Since 2007
---------	--------	----------------	------------