Anthony HOUDAILLE

Junior Data Scientist - Looking for a permanent job. I am available from March 2020 onward.

I am a dynamic young engineer willing to learn new technologies. I like hiking, practice sport and discover new landscape. I'm passionate by scuba-diving and the marine environment.

✉ anthonyhoudaille@gmail.com   📱 +33 640 946 373   📍 Paris, France   in linkedin.com/in/anthony-houdaille-8989a3119

WORK EXPERIENCE

Data Scientist & Project Manager Intern
SCHLUMBERGER - Full time work

07/2019 – Present   *Asker, Norway*
Schlumberger engages in the provision of technology for reservoir characterization, drilling, production and processing to the oil and gas industry.

Achievements/Tasks
- Develop a workflow within the existing DELFI cloud platform to analyze millions of ambiguous oil and gas Exploration and Production (E&P) data objects with regards to similarity, quality and possible duplication.
- The objective was to automate the analytic workflow with a given set of technologies while developing new ways on how to analyze the data utilizing advanced technologies like machine learning as well as visualizing the results driven by an end user centric perspective.
- Developed skills : Data Analytics, Visualization with Spotfire, Google Cloud Platform, Rest API, Docker, Autonomy, Project Management, Presentation.

Contact: Tahar OUHROUCHE – Contact info on demand

Machine Learning Engineer
AirBus - Student Project - Partial time work

11/2018 – 06/2019   *Paris, France*
Airbus is an international pioneer in the aerospace industry. Leader in designing, manufacturing and delivering aerospace products on a global scale.

Achievements/Tasks
- Identify small vessels from Airbus-owned satellite images and locate them as soon as possible using Deep neural network.
- Team work in a group of 4 Data Science Students.
- Creation and customization of our CNN. Accelerating algorithms by using GPU capacities (either on premises or with Cloud provider : GCP), start containerizing the work (Docker image).

Contact: Reference on demand

Multidisciplinary Engineer Apprentice
Diagnostica STAGO - Partial time work

08/2016 – 08/2018   *Gennevilliers, France*
STAGO is a healthcare company which made laboratories advanced testing systems, especially in Haemostasis, and superior services.

Achievements/Tasks
- Data acquisition and processing development
- Statistical calculations to implement patches
- Use data classification algorithms
- Dimensioning of electronic systems for the acquisition of physical phenomena

Intern
BULL/ATOS Junior HPC Hardware Support Engineer and Junior Python Developer

07/2016 – 08/2016   *Bruyère le Chatel, France*
Achievements/Tasks
- Big Data Python scripts development and improvement.
- HPC systems troubleshooting.

SKILLS

Data Analytics - Python : Spyder, Jupiter Notebook	Spark : Scala, IntelliJ, PySpark
Machine Learning & Deep Learning : Sklearn, Keras	My-SQL, SQLite3, No-SQL : Cassandra, Big Query
Data visualization : Spotfire, Dash, Plotly	Cloud Provider (GCP, AWS). Docker and Kubernetes
REST Api : Post and Get requests	Git environment
Team spirit, Autonomy	Project Management

EDUCATION

Post Master Degree in Big Data
TELECOM ParisTech

09/2018 – Present   *Paris, France*
Courses
- Data Mining, Data Collection, Machine Learning & Deep Learning (Supervised and unsupervised algorithms, classification, regression), advanced statistics.
- Introduction and use of cloud services : AWS S3, AWS EC2, GCP. No sql introduction with Cassandra and MongoDB. Distributed environment (Spark with Scala)

Electronic Engineering Master Degree
ENSEA

09/2015 – 08/2018   *Cergy, France*
Courses
- Analog and numeric Electronic- Signal processing
- Java, C, SQL, HTML language - FPGA : parallel processing

LANGUAGES

English *Full Professional Proficiency*	French *Native or Bilingual Proficiency*
Norwegian *Elementary Proficiency*	Spanish *Elementary Proficiency*

INTERESTS

Sport (Badminton, Rowing, Climbing)   Scuba Diving

New Technologies   Artificial Intelligence

Internet of Things   International Trip