DATA SCIENTIST | DATA ENGINEER

ZAKARIA YBEGGAZENE

I AM LOOKING FOR A <u>PERMANENT EMPLOYMENT CONTRACT</u> (<u>CDI</u>) IN FRANCE STARTING FROM OCTOBER 2023

CONTACT

E-mail : zakariaybeggazene@gmail.com
Mobile : +33 7 58 84 65 12
Paris, Île de France, France
Linkedin in : zakaria-ybeggazene
<u>Personal website</u> (scan or click QR code)

SKILLS

Technical :
- <u>Prog. Lang.</u> : Python, Java, C, JavaScript, R
- <u>ML/DL</u> : Scikit-Learn, TensorFlow, Keras, MLlib
- <u>RDBMS</u> : PostgreSQL, MySQL, Oracle, SQLite
- <u>NoSQL</u> : MongoDB, ElasticSearch, Redis
- <u>Hadoop</u> : HDFS, Spark, MapReduce, Hive
- <u>DataViz</u> : Tableau, PowerBI, Matplotlib
- <u>ETL & Data Processing</u> : Talend, Kafka, Beam
- <u>Google Cloud Platform</u> :
  BigQuery, Cloud Storage, Pub/Sub, Dataflow, Looker, VertexAI ...
- <u>Modeling</u> : UML, SDL, BPMN
- <u>Networking</u> : CISCO IOS, GNS3, PacketTracer
- Gestion de versions Git, GitHub et GitLab

Soft skills :
- Problem solving
- Speed and ease of learning
- Collaboration and teamwork
- Good communication

LANGUAGES

- French (proficient - C2 level)
- English (advanced)
- Arabic   (bilingual)
- Berber   (native)

CENTRES D'INTÉRÊT

- Tech news and events
- Football and swimming
- Traveling and camping

WORK EXPERIENCE

Data Scientist apprentice at Dassault Systèmes - **Vélizy, France**

September 2021 - September 2023

- State of the art study on automatic code correction (using Deep Learning approaches)
- Implementation of pipelines for massive data collection (Spark, HDFS, Hive ...)
- Data exploration, analysis and pre-processing (e.g. change of representation using abstract syntax trees ...)
- Development of machine learning models capable of proposing corrections (Seq2Seq, Graph Neural Networks, Transformers: GPT, BERT, T5 ...)
- Evaluation, comparison and characterization of the models through tests performed on real production data
- Integration of the models in our production DevOps chains (Web Service for IDE plugin)
- Communication and presentation of the results in an innovative way for the customers

Image analysis internship at Enza Zaden France - **Allonnes, France**

May 2021 - August 2021

- Image analysis by segmentation and creation of the statistical report in R.
- Application of ML algorithms on the information extracted for prediction.
- Optimization of execution times and deployment of the solution on the cloud (Azure).

EDUCATION

Master 2 Artificial Intelligence, Systems, Data (Apprenticeship track)
Paris Dauphine PSL University - Paris, France

September 2022 - September 2023

Master 1 Data Science (Apprenticeship track)
Paris Saclay University - Orsay, France

September 2021 - August 2022

Bachelor in Computer Science and Mathematics for Decision Making and Data
Paris Dauphine PSL University - Paris, France

September 2020 - August 2021

Preparatory Cycle in Computer Science (Bac +2)
École nationale Supérieure d'Informatique (ESI) - Algiers, Algeria

September 2018 - August 2020

CERTIFICATIONS

- Google Cloud Professional Data Engineer certification (in progress)
  by Google Cloud
- Machine Learning Certification
  by Stanford University (Coursera)
- Deep Learning Certification
  by Deeplearning.ai (Coursera)
- Certified Network Security Specialist
  by International CyberSecurity Institute
- CISCO Certification Networking
  by ICT Towers (CISCO Learning Partner)

ACTIVITIES

- Attendee of <u>VivaTechnology</u> 2023
- Member of "Association des Étudiants du Master IASD" (2022-2023)
- Ambassador student of Paris-Saclay University (2021-2022)
- Entrepreneurship exchange program at Porto University (eugloh) (2021-2022)