Ouafae Karmouda, 25 years old
Data Scientist

Holder of a Master in Applied Mathematics, as well as a Master 2 in Data Science, I am currently in the last year of a thesis in Machine Learning.

Throughout my studies, I was able to acquire a variety of skills in Mathematics, Data Science and Computer Science that will be invaluable assets as I enter the professional environment.

I am seeking a position in Machine Learning where I can utilize my acquired skills, strengths, and knowledge in an agile and collaborative setting.

Personal informations

- 0660389983
- ouafae.karmouda@ univ-lille.fr
- France

Computer Science Skills

- Algorithms & complexity analysis
- Python, C/C++
- Matlab, R
- Git

Mathematics Skills

- Algebra for Data Science
- Analysis/Optimization
- Probabilities/Statistics

Machine Learning Skills

- Tensorflow
- Scikit-learn
- Numpy
- Pandas

Languages

- English
- French
- Arabic

Hobbies

- Traveling
- Science popularization
- Cooking

PROFESSIONAL EXPERIENCE

– Doctoral thesis in Machine Learning | CRIStAL, University of Lille
{ Since October 2019 }

Thesis title: **Machine learning/statistics for multidimensional data.**
Position: PhD student in Data Science.
Topic: Design of Machine Learning algorithms of reasonable complexity for data requiring multiple dimensions to be represented.

– Higher-education teaching | École Centrale Lille
{ Octobre 2020 – Janvier 2021 }

Position: Associate professor.
Duty: Teach the signal processing module to first-year engineering students.

– Machine Learning Internship | LIS, Aix-Marseille University
{ Avril 2019 – Septembre 2019 }

Position: Machine Learning Internship.
Topic: Designation of Quantum Computing problem-solving learning algorithms.

PROFESSIONAL CERTIFICATES

- **Advanced training in Python**
- **Deep Learning Specialization**
  - Structuring of Machine Learning projects.
  - Creation of deep neural networks:
  Regularization and optimization of hyperparameters.
- **Advanced training in Tensorflow**

ACADEMIC EDUCATION

– Master 2 in Data Science | Aix-Marseille University
{ 2018 – 2019 }

– Master in Applied Mathematics | Faculty of Sciences and Technologies
{ 2016 – 2018 }

– Bachelor in Applied Mathematics | Faculty of Sciences and Technologies
{ 2013 – 2016 }