

TAHAR MOUMEN

Junior Data Scientist

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Paris, France

PROFESSIONAL EXPERIENCES:

Data Scientist/ Data analyst Freelancer :

06/21 – Currently

Paris, France

- Web scrapping and Data mining (Selenium)
- Data Extraction using OCR
- Dashboards et data Reporting (Streamlit, Dash)
- Moroccan Real Estate price estimation using Machine Learning
- Time series analysis et Forecasting
- Financial Portfolios analysis

Machine Learning Engineer intern

Solocal - PagesJaunes: R&D Team

06/20 – 01/21

Rennes, France

- Development of an auto-moderation tool for user comments. (Word Embeddings, Pytorch, NLTK, Camembert)
- Clustering of professionals based on the impact of geographic distance on the CTR (click-through rate) (ACP, Auto-encoders, K-means)(streamlit)
- Development of a matching algorithm based on *negative sampling* and *LSTMs* to evaluate the relevance of users query results.(Pytorch, MLflow)

Project :Chatbot development

DATACTIVIST

09/19 – 03/20

Marseille, France

Development of a chatbot to assist users in accessing Open-Data in the South-France portals. (Python : Rasa, Spacy, Gensim, Camembert)

R&D internship : CUBT Algorithms

CNRS - I2M : Institut de Mathématiques de Marseille

12/19 – 03/20

Marseille, France

From-scratch implementation of CUBT algorithms (Clustering Using Binary Trees) using Python

R&D internship: Context Aware Recommender Systems

Rabat Information Technology Center, Equipe ADMIR : Advanced Digital Enterprise Modeling and Information Retrieval

04/19 – 08/19

Rabat , Morocco

Leveraging user comments for the modeling and implementation of a context-sensitive recommendation system. (Python : Pandas, BeautifulSoup, NLTK, Sckit-Learn, Gensim, TensorFlow)

Project : Developing a sales forecasting tool

BOSCH Maroc

09/17 – 05/18

Casablanca, Morocco

Time series forecasting using python

EDUCATION

Ecole Centrale Marseille

Curriculum : Digital.e (IT Engineering)

2019 – 2021

Marseille, France

Main courses :

- Machine Learning and Large Scale Processing.
- Data analytics (Dataframes and Time series manipulation and analysis)
- Yield Management & Quantitative Marketing
- Mathematical Modelling & Optimization
- Business Management and Innovation
- Agile et Scrum developpement

University of Aix Marseille

Msc in Data Science , Department of Applied Mathematics and Statistics

2019 – 2021

Marseille, France

Main courses :

- In-depth Machine Learning & Big Data
- Deep Learning & Reinforcement Learning
- Latent variable models and Bayesian theory
- Parametric and Non-parametric estimation
- Data mining and visualization
- Applied statistics
- Signal Processing

Ecole Centrale Casablanca

Core Curriculum of Engineering then CSI curriculum : Complex systems engineering

2017 – 2019

Casablanca, Morocco

CPGE O.B.A

Preparatory classes for Engineering Schools, curriculum (Mathematics and physics

2015 – 2017

Oujda, Morocco

TECH STACK

- Python, R
- SQL, MongoDB
- Git
- GCP
- Excel/VBA
- Jira

LANGUAGES

English : Advanced (C1 Toeic : 960)
French : Advanced (C1 DALF)
Arabic : Native