MOHAMED HMINI

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OBJECTIVE

MLOps Engineer with 2 years of experience in various fields including Data Science, Data Engineering and DevOps seeking full-time MLOps/DevOps roles.

EXPERIENCE

Data/MLOps Engineer   Apr 2022 - Present
CGG   *LLanduddno, UK*

- DevOps, coming up with adequate git branching strategies, helping with setting up CI/CD pipelines, dockerizing software.
- MLOps, productionizing our ML system by automating model deployment and model monitoring.
- ML, modeling, building, testing and deploying machine learning models.

Data Engineer   Jan 2022 - Mar 2022
EVEAD Group   *Casablanca, Morocco*

- Building a google search based sitemap generator using selenium.
- Mimicking human behavior while browsing (dodging bot detections).

Machine Learning Intern   Mar 2021 - Sep 2021
LaBRI   *Bordeaux, France*

- Synthesis and learning of boolean networks for predicting cellular differentiation.
- Creating Different Boolean Networks' Embedding techniques to allow for a multilevel view of the same Boolean Networks' ensemble.
- Applying Feature Selection techniques to isolate the good Boolean Networks.
- Resynthesize new Boolean Networks using the learned rules.

EDUCATION

MSc (2 years) of information systems and intelligent systems (M2SI), INSEA, Morocco   9/2019 - 9/2021

Licence (1 year) in Information systems and big data (BDSI), ESTS, Morocco   9/2018 - 6/2019

DUT (2 years) in Software Engineering, ESTM, Morocco   10/2016 - 6/2018

SOME PROJECTS

D-PandiSIM early 2021
Big data based pandemics distributed simulator, scoring network nodes using inverse PageRank.

Paysim Fraud Detection late 2020
Fraud detection using VAE and BNN networks, generating distributions of the output.

TweetsOLAPing early 2020
Implementing an end-to-end tweets ETL/Analysis pipeline.

IntelliWebWrapper early 2019
Intelligent web content extraction, extracting the main List Region (list of products).

SKILLS

Programming Languages: Python, Java, C, JavaScript, Prolog, Clingo, Lisp, SQL, etc

Programming Paradigms: Procedural, OOP, Functional, Distributed, Concurrent and Probabilistic

ML/Data Manipulation: numpy, pandas, matplotlib, seaborn, sklearn, pytorch, pyro, etc

Productionizing: Git versioning Strategies, Docker, Kubernetes (k8s), Gitlab CI/CD, Azure

Other Skills: Optimization techniques, Symbolic A.i, Statistics, Machine Learning, NoSQL, etc

Other Tools: Pyspark, Nuclio, Mlrun, Triton, LabelStudio, Alibi-Detect, Neo4j, etc

Languages: English, French, Arabic