## MOHAMED HMINI

Data/A.i Specialist

Data Engineer | Data Scientist | ML Engineer | A.i Developer



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Meknes, Morocco

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### **EDUCATION**

# MSc of information systems and intelligent systems (M2SI)

National Institute of statistics and applied economics (INSEA)

09/2019 - 09/2021

Rabat, Morocco

## Bachelor's Degree in Information systems and big data (BDSI)

Ecole Superieure de Technologie de Sale

09/2018 - 06/2019

Sale, Morocco

# **Associate Degree (DUT) in Software Engineering**Ecole Superieure de Technologie de Meknes

10/2016 - 06/2018 Meknes, Morocco

#### **SOME PROJECTS**

Distributed Pandemics Simulator (D-PandiSIM) (01/2021 - 02/2021)

- big data based pandemics distributed simulator.
- https://github.com/MohamedHmini/D-PandiSIM

#### Paysim Fraud Detection (10/2020 - 12/2020)

- PaySim fraud detection using deep learning.
- https://github.com/MohamedHmini/Paysim-Fraud-Detection-using-VAE-and-BNN

#### tweetsOLAPing (06/2020 - 07/2020)

- implementing an end-to-end tweets ETL/Analysis pipeline.
- https://github.com/MohamedHmini/tweetsOLAPing

#### IntelliWebWrapper (IWW) (04/2019 - 05/2019)

- Bachelor's thesis on intelligent web content extraction.
- https://github.com/MohamedHmini/iww

#### **WORK EXPERIENCE**

#### ML Engineer (intern)

laboratoire bordelais de recherche en informatique (LaBRI)

03/2021 - 09/2021

Bordeaux, France

Achievements/Tasks

- 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

# **Software Engineer (intern)**SALIDOR

04/2018 - 05/2018

Meknes, Morocco

Mekne, Morocco

Achievements/Tasks

Updating the purchase to pay business process.

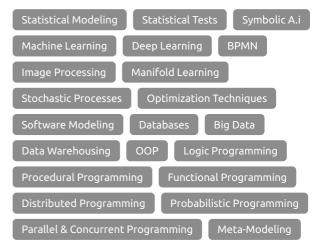
### Software Engineer (intern)

Fiduciaire Aguidi

07/2016 - 07/2016

Achievements/TasksBuilding an Accountant ERP Module.

### **SKILLS**



#### **COURSES I ENJOYED**

Preparing Self-Driving Cars Specialization Certificate (2021)

Coursera, University of TORONTO

Gained Big Data Engineer v2 Mastery Award (2018) Certificate (2021)

IBM Africa Skills Academcy

Advanced Probability & Statistics (Certf NaN)

MIT & NPTEL & HARVARD

Manifold Learning (Certf NaN)

University of Toronto

Deep Learning (Certf NaN)

NYU & CMU

Image Processing / Signal Processing (Certf NaN)

Various Sources

#### **TOOLS**

langues: python, c, java, javascript, prolog, clingo, lisp..

ML/data-manipulation: numpy, pandas, matplotlib, seaborn, sklearn, pytorch, pyro, matlab, hadoop, pyspark ...

other: opencv, jupyter-nb, sql, bpmn, git, latex, docker ...

### **LANGUAGES**

English			0
French	•	0	0
Arabic			

#### **INTERESTS**

Reading

History