ABDELLATIF AIT HAMMADI

Seeking a 2 month internship starting from June 2021

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PROFESSIONAL EXPERIENCE

Website
Data Extraction Internship

📅 June 2020 – August 2020   📍 ENSIAS Rabat, Morocco

- Data Extraction from social media (Youtube and Twiter)

`Heroku` `Django` `Python` `HTML` `JavaScript` `BeautifulSoup`

EDUCATION

Second Year Artificial Intelligence Engineering
The Ecole Nationale Supérieure d'Informatique and Systems Analysis (ENSIAS)

📅 Sept 2019 – Ongoing   📍 Rabat, Morocco

Mathematics and Physices sciences
Preparatory Classes (CPGE)

📅 Sept 2017 – Aug 2019   📍 Casa Blanca, Morocco

Bachelor of Science in Mathematics
Bacalaureat

📅 Sept 2015 – Aug 2017   📍 Sidi Bennour, Morocco

PROJECTS

Breast Cancer Cell

📅 2021   📍 Rabat, Morocco

- Applying Chameleon Clustering Algorithm for breast cancer analysis.
- Applying fruit Fly Optimization with SVM to classify cell diagnosis.

`Python` `OpenCv` `Clustering` `Classification` `Tensorflow`
`Keras` `Optimization`

Machine Learning Models Implementation

📅 2021

- Implemented different machine learning algorithms (Perceptron, Logistic Regression, Polynomial Regression, Linear Regression ...) from their mathematical definition.
- Testing each of those models with a sample data and comparing their results and their use cases.

`Armadillo` `C++`

Aircraft Engine Run-to-Failure Simulation

📅 2021   📍 Rabat, Morocco

- Time Failure prediction for for Aircraft Engine Simulation.

`Python` `Sklearn`

A Multi Agent System for Hospital Organization

📅 2021   📍 Rabat, Morocco

- Used Jade a framework for Multi-agent systems to develop two agents one for the doctor and one for the patient.

ACHIEVEMENTS

🏆 **Plant Pathology 2021**
A machine learning competition hosted in kaggle to identify the category of foliar diseases in apple trees.

`Tensorflow` `Python` `Deep learning`

🏆 **Ranking first in Morocco IEEEXtreme 2021**
IEEEXtreme is a global challenge compete in a 24-hour time span against each other to solve a set of programming problems

SKILLS

Machine Learning
- Computer vision.
- Natural language processing.
- Reinforcement Learning.

Programming Languages
- Python, C/C++, Java, JavaScript, LATEX.

Data Base
- MySQL, Neo4j, MangoBD.

Software (Backend)
- Heroku server (web hosting, Cloud hosting, SQL ..).

Machine Learning Tools
- Tensorflow, Sklearn, Pandas, Numpy, OpenCv.

LANGUAGES

English	Upper Intermediate
French	Upper Intermediate
Arabic	Native
Spanish	Beginner

OTHER INTERESTS

`Reading` `Sport`

- Developed different GUIs for each of the used agents.

Java Jade Swing

Game

Snubby Land

📅 2020   📍 Rabat, Morocco

- Game with multiple options online, vs computer, two player.
- Developed a web-server running on heroku for online mode.

C++ WebSocket Heroku Flask Python