

ABDELLATIF AIT HAMMADI

Seeking a 2 month internship

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PROFESSIONAL EXPERIENCE

Website

Data Extraction Internship

June 2020 – August 2020 ENSIAS Rabat, Morocco

- Data Extraction from social media (Youtube and Twitter)

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 Physics 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

Plant Disease Classification and segmentation

15 Jun 2021 Rabat, Morocco

- Applying deep learning to classify the disease of leaf apple.
- Applying the deep learning to remove the background and keep only the leaf and Segment the disease.
- Deploying the model in AWS, and can be reached by chatting to a Telegram Bot.

Python OpenCv Segmentation Classification Tensorflow
Keras Optimization TelegramBot AWS

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.

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



IEEEExtreme 2021

IEEEExtreme 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, NetLogo, R.

Data Base

- MySQL, Neo4j, MangoBD.

Software (Backend)

- Heroku server (web hosting, Cloud hosting, SQL ..), AWS (Lambda, SageMaker, Storage)

Machine Learning Tools

- Tensorflow, Sklearn, Pandas, Numpy, OpenCv.

SOFT SKILLS

- Communication
- Curiosity
- Team Player
- Leadership

LANGUAGES

English Upper Intermediate

French Upper Intermediate

Arabic Native

Spanish Beginner

OTHER INTERESTS

Reading Sport

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.
- 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