Yasser El-Jarida

Final Year Engineering student

Data Science - Data Engineering - Machine Learning

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SKILLS

PROGRAMMING LANGUAGES

Python, Java, C, C++

DATA SCIENCE

TensorFlow, Keras, OpenCv, Pandas, Numpy, Scikit-learn

DATA PROCESSING

Apache Spark (SparkSQL, PySpark)
Apache Hadoop

DATABASES

SQL (MySQL) , NoSQL (MongoDB)

CERTIFICATIONS

- Neural Networks and Deep Learning (**DeepLearning.AI**)
- Supervised Machine Learning: Regression and Classification (**DeepLearning.AI**)
- *Currently pursuing:* Professional Data Engineer **(Google Cloud Program)**
- M001: **MongoDB** Basics
- **EF SET** English Certificate (C1 Advanced)

INTERETS

- Artificial Intelligence
- Web 3

LANGUAGES

- English : Advanced
- French : Advanced
- Arabic : Native

EDUCATION

2021 – NOW ENSET MOHAMMEDIA
COMPUTER ENGINEERING: BIG DATA AND CLOUD COMPUTING

2019 – 2021 IBN ABDOUN HIGH SCHOOL – KHOURIBGA
PREPARATORY CLASSES (CPGE)

2019 ABOU EL KACEM EZZAYANI HIGH SCHOOL – KHENIFRA
BACCALAUREATE IN MATHEMATICAL SCIENCES A

WORK EXPIRIENCE

JUNE – JULY 2023 DEVOTEAM, RABAT
DATA SCIENCE INTERNSHIP

Focus : Violence Detection using Machine Learning and Computer Vision
Key Achievements and Responsibilities:

- Implementing and fine-tuning machine learning models for violence detection in videos and images.
- Conducting in-depth analysis of model results, including accuracy, precision, and recall.

PROJECTS

DEEPTWEETS CLASSIFICATION | NATURAL LANGUAGE PROCESSING (NLP)

- This project was developed as part of a competition that involved classifying tweets into two categories: Politics and Sports.
- A Multinomial Naive Bayes classifier was used for this tweet classification task. The model was trained using the training data after feature extraction.

Tools: Pandas, Numpy, NLTK, scikit-learn, MultinomialNB

HANDWRITTEN DIGIT RECOGNITION WITH CONVOLUTIONAL NEURAL NETWORK

- Successfully trained and evaluated the CNN model, demonstrating proficiency in deep learning.

Tools: TensorFlow, Pandas, Numpy

PCA ANALYSIS ON VOICE GENDER DATASET

- Optimized the dataset variables using the Principal Component Analysis (PCA).
- Evaluated classification accuracy using the XGBoost model.

Tools : Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, XGBoost

AWARDS

HACKATHON: BLOCKCHAIN AND AI AT THE SERVICE OF HEALTH (1ST PLACE)

- Developed a blockchain-based health data tracking application that is secure, easy to use and efficient for different health actors.
- Utilized a machine learning model for skin cancer detection, enhancing the platform's capabilities for early diagnosis and intervention.

Tools: Flask, Scikit-learn, TensorFlow, Solidity, IPFS, Truffle, Ganache