Youssef Ben Farhat

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WORK EXPERIENCE

ELYADATA- SOFTWARE DATA ENGINEER INTERN (JUNE 2021 - PRESENT)

-Creating an End-to-End machine learning model for Arabic text dialect classification.
-Implementing a micro service to serve the trained model and Dockerize it.
-Creating an interactive map to display prediction results.
Keywords: NLP, Python, FastAPI, Docker, Angular.

GENICAL - DATA SCIENTIST (FEB 2021 - MAY 2021)

Creation of an API from scratch based on deep learning that allows to:
-Create custom facial recognition models in few seconds just by changing the input images.
-Recognize different persons and detect their facial emotions.
Keywords: Computer vision, CNN, OpenCV, Django REST framework, FaceNet, Tensorflow, YOLO.

iCOMPASS - SUMMER INTERN (JUL 2020 - SEP 2020)

-Extraction of different Part-of-Speech (POS) syntactic patterns from various Arabic and French files using Python's libraries.
-Web Scraping according to specific pipelines.
Keywords: NLP, Spacy, NLTK, Scrapy.

PROJECTS

CONTINUOUS INTEGRATION (APR 2021)

Implementation of a continuous Integration chain for a Spring Boot application.
Keywords: SpringBoot, Junit, Log4j, Sonar, Maven, Nexus, Jenkins.

CUSTOMER CHURN (NOV 2020 - JAN 2021)

Creation of a customers classification model based on machine learning for a telecommunications company in order to predict their behaviors.
Keywords: Supervised Learning, Xgboost, Random Forest, SVM, Logistic Regression, Voting, Flask

INTEGRATED PROJECT (JAN 2020 - JUNE 2020)

Development of a warehouse management application on three technologies Web, Desktop and Mobile.
Keywords: Java, JavaFX, Symfony, JQuery, Codenameone, JSON.

EDUCATION

2017 – 2022	**ESPRIT: Private School of Engineering and Technologies** SOFTWARE ENGINEERING MAJORING IN DATA SCIENCE *Tunis, Tunisia*
2017	**Imam Moslem High School** BACHELOR IN MATHEMATICS *High honours*

COMPUTER SKILLS

PROGRAMMING	C, C++, Java, Python
FRAMEWORK	JavaFX, Symfony , Spring Boot, Angular, FastAPI
DATABASE	MySQL, PL/SQL, MongoDB
BIG DATA	Hadoop, Spark
MACHINE LEARNING	Classification, Regression, Deep Learning, Computer Vision, TensorFlow, Sklearn
OTHERS	Docker, Github, UML, Scrum, CRISP-DM, REST API

CERTIFICATIONS

- HCIA-AI . Huawei
- Deep Learning Specialization . DeepLearning.AI
- Data Science Math Skills . Duke University
- Machine Learning with Python . IBM

EXTRA CURRICULAR

Information Management Manager
AIESEC Local Committee Bardo (2020)

Exchange department member
AIESEC Local Committee Bardo (2019)

LANGUAGE

ARABIC	Mother Language
FRENCH	Advanced
ENGLISH	Full professional capacity

INTERESTS

Handball Camping Travelling Swimming