WIEM DJEBBI
Junior Data Scientist

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in Djebbi Wiem

SUMMARY

Computer engineer graduate and enthusiast, I am an expert in designing, developing, and managing advanced solutions using Python. My expertise demonstrates my commitment to excellence. My natural curiosity and diverse skills aim to enhance my potential in artificial intelligence and data science, paving the way for new professional opportunities.

SKILLS

Programming Languages	Java, Python, JavaScript, HTML, R , XML , PHP , C Sharp
Technologies	Machine Learning, Deep learning, NLP, Big data, Elasticsearch, Vagrant, Docker, GIT, Computer vision, OCR, Data Visualization, Rest API, Azure DevOps
Framework	Spring Boot, .Net core , Flask
Database	MySQL, Pl/SQL, ORACLE, MongoDB

EXPERIENCE

02/2023 – 08/2023 — **Graduation Project Internship - Data Science Engineer / IA Engineer** — **SFM Technologies,Tunisia**
- Implementation of a surveillance platform with facial recognition, enabling real-time visualization of person identification and attendance statistics.
- Development of advanced features, including person identification, location tracking, and emotion analysis.
- Implementation of an automated door opening system, allowing remote access for authorized visitors.
- **Technologies :** `Python / Computer Vision / MongoDB / Deep Learning / Tensorflow / Flask / MicroPython`

06/2022 – 09/2022 — **Summer Internship in Data Science** — **ESPRIT-TECH,Tunisia**
- Monitoring of the RF spectrum and determination of modulations.
- Implementation of CNN approaches for modulation classification, with evaluation on the RadioML 2018.01A dataset.
- Development of RNN and Transformer approaches, identification of the best modulation, and comparative evaluation of the models.
- **Technologies :** `Python / Supervised learning / TensorFlow / Pytorch`

07/2021 – 09/2021 — **Company Immersion Internship** — **Tunisian Company of Electricity and Gas, Tunisia**
- Design and development of an application providing dedicated services to the company, including customer management.
- **Technologies :** `UML / Java`

09/2019 – 11/2019 — **Volunteer Internship in French Teaching** — **Language Institute, Turkey**
- Teaching fundamental concepts of the French language to the Turkish population.

ACADEMIC PROJECTS

09/2022 - 11/2022 — **CI/CD** — **ESPRIT, Tunisia**
-Set up a CI pipeline for an N-tier data application (Spring Boot + Angular + MySQL). The Jenkins pipeline included stages to test the application, check source code quality, publishing the artifact to a local repository, containerizing and deploying it to the test environment.
Technologies : Git,JUnit,SonarQube,Nexus,Docker,Docker-compose ,Prometheus Grafana,

01/2022 - 05/2022 — **Creation of a recommendation system** — **ESPRIT, Tunisia**
-Implementation of a knowledge-based recommendation system to monitor project management issues and the development of an ontology approach to create a domain ontology.
Technologies : Python, NLP, OWL, NLTK, OCR

01/2022 - 05/2022 — **Automatic Generation of Insurance Contracts** — **ESPRIT, Tunisia**
- Preprocessing and labeling of images on the makesense.ai platform, including detection of fields on ID cards and vehicle registration cards using YOLO V5. Model construction, testing, and deployment.
Technologies : YOLO V5, OCR, PYTORCH, COMPUTER VISION, FLASK

11/2021 - 01/2022 — **Credit Card Default Prediction** — **ESPRIT, Tunisia**
- Prepare data and develop prediction models to predict whether a customer will pay or not.
Technologies : Python, Supervised Learning, STREAMLIT

EDUCATION

2020 - 2023 — **Computer Engineering Degree** — **ESPRIT, Tunisia**

2015 - 2019 — **Applied bachelor's degree in Chemistry** — **Faculty of Sciences, Tunisia**

June 2015 — **National Diploma of Baccalaureate in Experimental Sciences** — **Abou Kacem E'Chebbi High School**

LANGUAGES

Arabic - Native **French** - Bilingual **English** - B2

CLUBS

2020 - 2021 — **IEEE** — **ESPRIT**

2019 — **CJC** — **Faculty of Sciences**

CERTIFICATS

Prise de parole en publique (ANCM, Tunisie 2019)

Data Analysis , Data Science Visualization (En ligne Udemy)