

Youssef Ben Farhat

mohamedyoussef.benfarhat@esprit.tn · +21624706779

GitHub: [youssefbenfarhat](#) . LinkedIn: [Youssef Ben Farhat](#)

Tunis, Tunisia



EXPERIENCE

- **Genical**
Data Scientist · Tunis, Tunisia · Feb 2021 - Present
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 · Tunis, Tunisia · 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*

EDUCATION

- **Private School of Engineering and Technologies ESPRIT · 2017-2022**
4th year Computer Science student majoring in Data Science.
Key courses: Machine Learning, Statistics, Graphs and Applications, Deep Learning, Big Data, Web Development, Databases, SQL, NoSQL, SOA, Time Series.
- **Imam Moslem High School · Tunis -2017**
Bachelor in mathematics
High honours.

CERTIFICATIONS

- **DeepLearning.ai**
Neural Networks and Deep Learning
Convolutional Neural Networks
Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization
Structuring Machine Learning Projects
2021
- **Coursera**
IBM Machine Learning with Python
Data Science Math Skills
2020

LANGUAGES

- **Arabic** : Native language . **French** : Advanced .
English : Full professional capacity

SKILLS

- **Programming language & Framework**
C , C++ , Java , Python , Symfony , JavaFX , Spring Boot, Angular
- **Web development**
HTML , CSS , PHP , Ajax
- **Database**
SQL , PL/SQL , MongoDB
- **Big Data**
Hadoop , Spark
- **Machine Learning**
Classification, Regression, Deep Learning, Computer Vision, TensorFlow, Keras
- **Others**
UML, Scrum, CRISP-DM, Statistics

ACADEMIC 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 for a telecommunications company in order to predict their behaviors.
Keywords: *Supervised Learning, Feature Engineering, Xgboost, Random Forest, SVM, Logistic Regression, Voting, Stacking, Flask*
- **Integrated Project: Web, Desktop and Mobile . Jan 2020 - Jun 2020**
Development of a warehouse management application on three technologies Web, Desktop and mobile.
Keywords: *Java, JavaFX, Symfony, JQuery, Code-nameone, JSON*

ORGANIZATIONS

- Information Management and Audit Manager . AIESEC Local Committee Bardo . Feb 2020 - Oct 2020
- Exchange department member . AIESEC Local Committee Bardo . Nov 2018 - Jan 2020