



Emna CHAABEN

Final year student at ENET'com in data and decision-making systems engineering

CONTACT

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EDUCATION

2021 - today

Data engineering and decision-making systems

National School of Electronics and Telecommunications Sfax, Tunisia

2019 - 2021

Preparatory cycle physics/chemistry
Rank: 316/1280

Faculty of Sciences - Sfax, Tunisia

2019

Baccalauréat Mathématiques

Mahmoud Megdiche School - Sfax, Tunisia

CERTIFICATS

- Microsoft Azure Data Fundamentals certification
- Microsoft Azure Fundamentals certification
- Microsoft Azure AI Fundamentals Certification
- Academy web training certification - CrocoCoder (32h)

LANGUAGES

- Français** : Current
- Anglais** : Advanced level

EXTRA-CURRICULAR ACTIVITIES

- Active member of the events committee Microsoft Tech Club ENET'Com Club
- Member of ENACTUS ENET'Com

PROFILE

I'm currently looking for a final year internship as a Business Intelligence Engineer. I'm dynamic and motivated, with solid expertise in data analysis.

SKILLS

- Programming languages:** Python, JAVA, JavaScript, Scala, PHP
- Environment:** Android Studio
- Data Analysis:** R, Excel, Power BI, SSIS, Talend, Qlik
- Style languages:** HTML5, CSS
- database management systems:** ORACLE, PostgreSQL, MySQL, MongoDB
- Big data management and analysis:** Hadoop, Kafka, Talend
- Operating systems:** Linux, Windows
- Learning algorithms:** CNN, ANN, RNN, GAN, KNN, Régression linéaire, SVM, Random Forest

PROFESSIONAL EXPERIENCE

Digital Research Center of Sfax (June 2023 - September 2023)

Proposal for a system to improve image quality and resolution

- The implementation of a new architecture, in line with the vision of the end-of-year project, was guided by the approaches studied, followed by training of the model with an image dataset, and then rigorous testing to assess the model's reliability.
- Approach:** GFPGAN | ESRGAN
- Tools:** DeepLearning (GAN, TensorFlow).

Zeta-Box - Sfax (June 2022 - September 2022)

Development of a Database Optimization Application for Tunisian Doctors

- Merge of various doctors' addresses from a database to improve the accuracy of geographic coordinates, followed by updating of these changes in the Strapi content management system.
- Tools:** Python, Excel, JavaScript

ACADEMIC PROJECTS

Proposal for a system to improve image quality and resolution

- This end-of-year project involves designing a system to improve image quality and resolution using deep learning techniques, investigating how they can be applied to achieve the project objective and comparing the results obtained with existing approaches.
- Tools:** DeepLearning (GAN, TensorFlow).

Hotel Dashboard Cliquez pour utiliser cette solution

- This project involves data transformation, followed by the creation of metrics. A stakeholder review is then carried out to evaluate the results. The main objective is to optimize and analyze data in order to make informed decisions.
- Tools:** Power BI, DAX.

Diabetes Detection Web Application

- The aim of this project is to predict whether a person is diabetic or not, using a system based on machine learning, based on the values provided.
- Tools:** SVM, Python, MySQL, HTML, CSS, PHP