Jaafer GASSEM

Data scientist | International Computer Science Instructor

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EDUCATION

- **Higher Institute of Computer Science of Mahdia** *Sep 2021 - Oct 2023*
  Master's degree in Data Science and artificial intelligence

- **Higher Institute of Computer Science of Mahdia** *Sep 2018 - Jun 2021*
  License degree in Computer Science (Computer System and Software)

EXPERIENCE

- **Al Mutaqademah International School**
  High School Teacher, Riyadh, Saudi Arabia — July 2024 – Aug 2025
  * Delivered computer science courses and workshops in Artificial Intelligence, Python, and Data Visualization, fostering students' practical skills in emerging technologies.

- **Etawfik High School**
  High School Teacher, Djerba, Tunisia — Sep 2023 – June 2024
  * Taught computer science courses and organized workshops on Python, JavaScript, and SQL, enhancing students' coding and problem-solving abilities.

- **FAST FACTURE**
  Intern, Bordeaux, France — Aug 2023 – Nov 2023
  * Summer internship: Predicted the recoverable VAT value from government following expenses.

- **IDM Systems**
  Intern, Tunis, Tunisia — Feb 2023 – Aug 2023
  * End-of-study project internship: Predicted supply chain anomalies.

- **SOFTSQUARE IT**
  Intern, Djerba, Tunisia — Feb 2021 – Jun 2021
  * End-of-study project internship: Developed a Delivery Management Platform.

PERSONAL PROJECTS

- **Unifying Lung Cancer Project** *Oct 2022 - Jan 2023*
  I developed an Inception v3-based model to classify lung cancer diseases using Python, and Scikit-learn.

- **End-of-Semester Project in Keyword Extraction** *Oct 2022 - Dec 2022*
  This project to make an automatic summary of a text entered in English using NLP processing methods

- **End-of-Semester Project in Sentiment Analysis** *Jan 2022 - Jun 2022*
  I developed a sentiment analysis application to classify user input texts using NLP.

TECHNICAL SKILLS

Programming languages: Python, R,SQL, JavaScript, Java, C++ ,SAS.

Frameworks: Django, Vue.JS, NumPy, Pandas, Scikit-learn, Keras, TensorFlow.

Data Visualization: PowerBI,Tableau, Data Lake, Data Warehouse.

Big Data: Hadoop, Spark, MongoDB, Talend.

NLP (Natural Language Processing): Transformers, spaCy, BERT.

Languages: Arabic (native), English (Fluent), French (Proficient), Spanish (Beginner).

CERTIFICATIONS

- **FUNDAMENTALS OF DEEP LEARNING:** Nvidia
- **Data Visualization with Python:** Cognitive Class
- **Cloud Computing Fundamentals for Administrators:** Microsoft