



# Hamza Ghanmi

- Tunisian
- Mai,6,1996
- Bizerte,Tunisia
- +216 23025826
- hamza.ghanmi@ensi-uma.tn
- linkedin.com/in/hamza-ghanmi-b8a125183
- https://github.com/ghanmi-hamza
- https://hamza-ghanmi.netlify.app

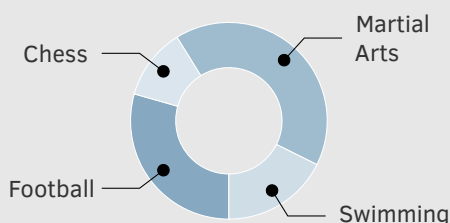
## Languages

- Arabic
- English
- French
- Spanish

## Skills

- Python
- JavaScript
- PySpark
- keras
- Tensorflow
- Matplotlib
- Web-Scraping
- Machine Learning
- Seaborn
- Numpy
- Pandas
- Scikit-learn
- SQL/NoSQL
- Flask
- Django
- Selenium
- Big Data

## Interests



## Data Engineer

Passionate data enthusiast with more than 3 years of professional experience. Skilled in ML/DL, problem-solving, and programming.

## Work Experience

- July/2023 – Present **Data Engineer** **Cognism-Kaspr**
  - Led a team of 3 data engineers to implement data-driven solutions.
  - Collaborated on documenting Kaspr's web app architecture, detailing data processing workflows, data sources, and transformations.
  - Designed an optimized data flow, ensuring a clear understanding of each stage and achieving a 50% processing time improvement.
  - Developed a Flask-based log server that ingests logs from Elasticsearch, performs ETL operations, and serves the processed data.
  - Created a user tracking system with Mixpanel.
  - Built scripts to extract data from MongoDB and generate insightful statistics, visualized through Tableau dashboards.
  - Keywords:** Python, Flask, Elasticsearch, Redshift, Confluence
- Aug/2022 – July/2023 **Data Scientist** **ABSHORE**
  - Designed and constructed a robot to extract information from diverse resume formats, integrating it into a Django web application.
  - Created a web scraper that scrapes LinkedIn users.
  - Used a Heuristic approach for parsing unstructured documents.
  - Created and tested APIs using Django Rest framework.
  - Keywords:** Python, Django, Spacy, NER, PostgreSQL, PyMuPDF
- Mar/2022 – July/2022 **Software Engineer** **LOGAWIN**
  - Developed APIs, database models, and designed views to support the construction of a web app catering to area services in France.
  - Created a map and customized markers using Leaflet.
  - Migrated an existing database from HBase to PostgreSQL.
  - Keywords:** Python, Django, PostgreSQL, JavaScript, Git, REST API
- Mar/2021 – Feb/2022 **Freelance Data Scientist** **Kiota Intelligence**
  - Developed web crawlers to collect data from various websites.
  - Built a bot that Scrapes data from Facebook and Twitter.
  - Integrated the data collection tools into a Flask web application.
  - Prepared, cleaned, processed, and analyzed large datasets.
  - Keywords:** Python, Flask, MongoDB, Selenium, Multi-threading
- Oct/2020 – Present **Data Scientist Competitor** **Kaggle**
  - Gained expertise in data analysis and machine learning.
  - Achieved 'Notebook Master' status, Ranked 82 over 220k.
  - Ranked 7 over 1433 in TPS Feb 2021 competition.
  - Keywords:** ML, Python, TensorFlow, Sklearn, Numpy, Pandas
- Feb/2020 – June/2020 **Graduation Internship** **Telnet Holding**
  - Developed a biometric behavioral authentication system based on the usage habits of a Smartphone.
  - Keywords:** : Python, Spark, Pandas, MongoDB, Machine Learning

## Education

- 2017 – 2020 **Computer Science Engineer** **National School Of Computer Sciences**
- 2015 – 2017 **Pre Engineering degree (Maths/Physics)** **Preparatory Institute For Engineering Studies of Bizerte**

## Certificates

- Mar/2024 **Master Data Engineering using GCP Data Analytics** **Udemy**
- Dec/2022 **MLOps Specialisation** **Coursera**
- Aug/2021 **Quantum Machine Learning** **IBM**
- Aug/2019 **Deep learning Specialisation** **Coursera**