

NASRI HANI

DATA SIENTIST

CONTACT

+216-54-945-808

naasri.hani@gmail.com

linkedin.com/in/hani-nasri

EDUCATION

UNIVERSITY TUNISIA - ENSIT 2022 - 2023

- Research Master's Degree in Data-Science

UNIVERSITY GAFSA- ISSAT 2016 - 2022

- National Professional Master's Diploma In Embedded System.
- Bachelor's degree on Electronics, Electro-technical and Automatic.

SKILLS

- Programming:** Python , R , SAS ,SQL , C/C++
- Statistics and probability :** Applied mathematics , Predictive , Modeling and Problem resolution
- Data wrangling and database management :** Data visualization , SQL and NoSQL
- Database Management Tools:** MySQL , MongoDB , Oracle
- Deep Learning and Machine Learning :** Linear regression , Logistic regression , Naive Bayes , Decision tree , Random forest algorithm , K nearest neighbor (KNN) and K means algorithm
- Cloud computing :** Amazon Web Service (AWS) , Microsoft Azure and Google Cloud
- Front-End Development :** HTML5/CSS3 , JavaScript (ES6+),Responsive-Design,Front-End-Frameworks Libraries, AJAX and Fetch API , Browser Developer Tools.
- Back-End Development :** Node.js ,Express.js ,Database Management,RESTful APIs,Authentication and Authorization ,Middleware.
- Development Tools and Practices**

CERTIFICATES

- Intermediate Python for Data Engineering Course. (Dataquest.io)
- Introduction to Python for Data Engineering Course (Dataquest.io)
- Python for Data Science. (IBM)
- Machine Learning with Python . (IBM)
- Full-Stack JavaScript Bootcamp (GOMYCODE)

PROFILE

As an accomplished Data Scientist, I am deeply passionate about utilizing analytical functions and data retrieval methods to derive valuable insights. My expertise lies in the following areas:

- Data Mining:** Proficient in extracting meaningful patterns and insights from large datasets, empowering organizations to make informed decisions and drive strategic initiatives.
- Data Visualization:** Skilled in crafting compelling visualizations that transform complex data into clear, accessible insights. Through visualization, I facilitate understanding and enable stakeholders to grasp key information quickly and effectively.
- Machine Learning and Deep Learning:** Experienced in developing and deploying advanced models leveraging machine learning and deep learning techniques. By harnessing the power of these methodologies, I address business challenges and optimize processes to drive efficiency and innovation.

WORK EXPERIENCE

● National Higher School of Engineers of Tunis - Ensit

FEB 2023 - NOV 2023

Data Scientist

Project Name: Reliability Modeling with Big Data.

The project revolves around developing reliability models that utilize big data to enhance system reliability, decrease downtime, streamline maintenance, and create value. It acknowledges the necessity of managing and analyzing vast volumes of data sourced from various channels to evaluate system reliability. Challenges encompass ensuring data quality, expediting data collection, handling diverse data formats, and extracting value from the data.

Goals:

- Develop robust reliability models leveraging big data.
- Improve system reliability.
- Reduce downtime.
- Optimize maintenance processes.
- Create value from the collected data.

Methodology:

- Data Acquisition: Gathering large-scale data from diverse sources.
- Data Preparation: Cleaning, organizing, and structuring the acquired data for analysis.
- Data Analysis: Utilizing suitable modeling techniques to derive insights and build reliability models.

● Higher Institute of Applied Sciences and Technologies of Gafsa ·

FEB 2022 - JULY 2022

Embedded System Engineer

Project Name: IoT ecosystem based on the MQTT protocol: Application to intelligent medical service

The project aims to establish an Internet of Things (IoT) ecosystem utilizing the MQTT (Message Queuing Telemetry Transport) protocol. This ecosystem will facilitate seamless communication among interconnected devices, with a specific focus on providing intelligent medical services.

Objectives:

- Establish an IoT ecosystem that enables seamless communication among interconnected medical devices.
- Ensure data integrity and security through robust authentication and encryption measures.
- Develop and implement advanced computer vision-based systems for face detection and fall detection.
- Provide real-time monitoring and response capabilities to enhance the efficiency and effectiveness of medical services.

● The Ministry of National Defense of Tunisia

Sept 2009 - DIC 2016

Non-Commissioned Officer

Supervision of new recruits, transmission of useful knowledg about the sector and the practice of the profession , Intervention in the event of disturbances to public peace: resolution of conflicts, restoration of calm dispersal of disruptive gatherings and Application of the provisions contained in regulatory texts and internal procedures and Carrying out missions to protect people and places in order to avoid attacks and intrusions.