



Yasmina Elkhazen

+216 95 512 188

yasmina.elkhazen@outlook.com

[linkedin.com/ yasmina-elkhazen](https://www.linkedin.com/in/yasmina-elkhazen)

github.com/YasminaElkhazen

Education

Higher Nation School of Engineering (ENSIT) <i>Applied Mathematics and Modeling Engineering</i> <ul style="list-style-type: none">• Relevant Coursework: Data Structures and Algorithms (C/C++), Databases Management, Prob/Stat, Optimization, Web Development	2022-present
Bizerte preparatory institute for engineering studies (IPEIB) <i>Math/Physics (MP)</i>	2020-2022
Nahj El Menzah high school, Beni Khalled <i>Mathematics Baccalaureate</i>	2020

Professional Experience

Smar2vate- Caustaza LTD Group <i>ML intern- Automated Event Calendar Creation (Remote)</i> <ul style="list-style-type: none">• Email extraction and classification using NLP. (Tensorflow, SpaCy, Scikit-learn, Google API, OAuth 2.0)	Jun-Jul 2024 Remote
Société Boissons Cap Bon- SBC Délice <i>IT intern (On Site)</i> <ul style="list-style-type: none">• Delivered a Consumers Analysis and Segmentation using Machine Learning techniques. (DRegression/SVM/K-means Clustering/Decision Trees)	Jul-Aug 2023 Soliman, Nabeul

Projects

- Satellite Tracking Web Application (PFA2)** | *Flask, Bootstrap, ReactJS, Plotly.js, Leaflet Maps, REST APIs*
- * Created a platform for space enthusiasts providing real-time tracking of satellites position.
- Optimization Methods Comparison(PFA1)** | *Scipy, Optimization, research*
- Gold Price Prediction** | *Used feature engineering and dimensionality reduction techniques for a better accuracy.(PCA/Random Forest)*
- Satellite Database Web Scrapping** | *Scraped a 10000 lines database using BeautifulSoup/Selenium/Webdriver*

Technical Skills

Languages: Python, C/C++, Javascript, Typescript, JAVA, MATLAB, R, PHP, SQL

Technologies: Front-end: ReactJS, Back-end: Flask, JEE, Data Analysis:Pandas,Seaborn, SciPy Machine Learning: Keras, PyTorch, scikit-learn, DBMS: Microsoft SQL Server, Oracle, VCS: Git, Contenainrization: Docker

Socio-Cultural Activities

Nerdata Ensit Club (Marketing Manager) <i>Fostered the entity's growth by integrating students, and providing data science training</i>	2023-2024
Ensit Junior Enterprise (Business Development Member)	2022-2023
IPEIB Amateur Astronomers Club (IPEIB) <i>Promoted space exploration field literacy along with fellow astronomy enthusiasts</i>	2021-2022