

RAYEN BEN FATHALLAH



IT ENGINEERING STUDENT SPECIALIZING IN DATA SCIENCE

CONTACT



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SKILLS

- Python / Javascript / Java
- Data structures and OOP
- Relational and no-sql databases (SQL, MONGODB)
- BI-tools : Power-BI,Excel
- Cloud services : Aws
- Machine learning and statistical analysis
- Data analysis and interpretation

EDUCATION

IT engineering with a specialization In data science

Faculty Of Sciences of Tunis

2020-2025

High School Diploma In mathematics

Bekalta High School

2016-2020

CERTIFICATIONS

AI for everyone : Deeplearning.Ai - Coursera

Exploratory data analysis : IBM - Coursera

Supervised learning : IBM - Coursera

LANGUAGES

English : Fluent

French : Fluent

Arabic : Native

PROFILE

As an IT engineering student specializing in data science and a business consultant at Optima Junior Enterprise, I bring a passion for innovation and a results-driven mindset. With a keen eye for detail and a dedication to achieving objectives, I am eager to leverage my skills to make a meaningful impact.

PROFESSIONAL EXPERIENCE

It consultant

2021 - 2022

Optima Junior Enterprise

- Utilized Vue.js, Laravel, and MySQL to Aggregate Diverse Data Sources, Transform Data for Consistent Storage, and Create Interactive Dashboards.

Skills gained : javascript, MYSQL, EXCEL, laravel, scrum

ASSOCIATIVE WORK

Data science unity manager

2022 - present

Engineers Spark - fst

- Contribution In the execution of 4 training sessions: Introduction to data science, Data visualization, data manipulation with pandas, and Python programming.

Skills gained : Matplotlib, scikit-learn, Python , effective communication

PROJECTS

Student performance prediction and analysis

March 2023

- Utilized various machine learning techniques with Python to predict the performance of high school students.
- Employed Local and global interpretation techniques with Python to conduct in-depth analysis of the inter-relations among various educational factors for performance prediction.

Skills gained : Classification models, Scikit-learn, LIME method, hypothesis testing

Global Economic analysis

april 2023

- Gained expertise in using Python for data ETL and Power BI for data visualization and analysis, resulting in valuable insights for understanding global economic performance.

Skills gained : Python, Sql server, Power-BI

Pathfinding Game player

Mai 2023

- Developed a pathfinding game player using the A* algorithm. The player was able to find the shortest path between two points on a map, even if the map contained obstacles. The player was tested on a variety of maps and was successful in all cases.

Skills gained : Pathfinding algorithms, Python