RAYEN BEN FATHALLAH

IT ENGINEERING STUDENT SPECIALIZING IN DATA SCICENCE

CONTACT

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SKILLS

- Programming languages : Python / Javascript / Java / R
- Data structures and OOP
- Data wrangling
- Database query languages and no-sql databases (SQL, MONGODB)
- BI-tools : Power-BI,Excel
- Cloud services : Aws
- Machine learning and statistical tests
- Deep learning and computer vision

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

Google advanced data analytics : Google (In progress)

Supervised learning : IBM - Coursera

LANGUAGES

English : Fluent

French : Fluent

Arabic : Native

PROFILE

As an IT engineering student specializing in data science, with a good software engineering background, 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

Junior machine learning engineer   July - Present

Omdena

- Collaborated in building a computer vision system in Egyptian orphanages to address the problem of limited monitoring and evaluation.
- Gained expertise in deploying accurate solutions with low computational capabilities.
- Helped improve the well-being of more than 220 children.

Skills gained : Computer vision, Pytorch, OpenCV, python

Data analyst   2021 - 2022

Optima Junior Entreprise

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

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

ASSOCIATIVE WORK

Data science Trainer   July 2022 - May 2023

Engineers Spark - fst

- Building a training strategy In the field of Data science for college students.
- Contribution In the execution of 7 training sessions: Introduction to data science, Data visualization, data manipulation with pandas, and Python programming.

Data science club TBS

- Hosting 2 training sessions for business students :
1. Introduction to data science and data-driven solutions
2. Data visualization In python

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

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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 , k-Nearest Neighbors,Naive Bayes,SVM