Almouthana Taha Khalfallah

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Portfolio : ATK'Log

EDUCATION

Ecole National Supérieure des ingénieurs de Tunis - ENSIT   Tunis, Tunisia
Diploma of Engineering in Applied Mathematics and Modeling.   Expected Jun 2027
       Relevant Coursework: Data Base; Algorithms; Numerical Analysis; Optimization.

Institut Préparatoire aux études d'ingénieurs de Tunis - IPEIT   Tunis, Tunisia
Pre-engineering Degree in Physics and Chemistry.   Sept 2022 – Jun 2024

PROJECTS

RECOMMENDATION ENGINE   Jan 2025
Designed a movie recommendation application in 10-person team using Python and Jupyter Notebook.

CALORIES CALCULATION   Nov 2024
Designed a calories calculation application in 10-person team using Python and Jupyter Notebook.

CUSTOMER SEGMENTATION USING CLUSTERING   Mar 2024
A machine learning project that segments customers into distinct groups using K-Means clustering to uncover patterns and support data-driven marketing strategies.

ACTIVITIES

NERDATA ENSIT CLUB   Tunis, Tunisia
Participated in the organization of Data Fest 1.0.   Sep 2024 – Present

GEO-OLYMPIAD   Tunis, Tozeur, Tunisia
                    Mar 2022
Participated in the Tunisian Geography Olympiad, achieving 4th place in the Tunis Region and advancing to compete in the National Finals.

SKILLS:

Programming Languages: SQL, MATLAB, Python, C, C++, HTML/CSS.
Data Engineering / Analytics framework: NumPy, Pandas, Scikit-Learn, Seaborn, Matplotlib.
Preferred IDE: VScode, Jupyter.
Office tools: Microsoft Office, Google Workspace, Adobe Suite, Notion.
Others: Git, Github.

ADDITIONALS:

Languages: Fluent in Arabic, French and English (TOEIC 900/990).
Certifications & Training: Python for Data Science, AI & Development
Freelance: Adobe Photoshop used for graphic design, image editing, and digital content creation on Fiverr.
Hobbies: Football, Books, Videogames.