Rayhane Aissa

First-Year Engineering Student — Applied Mathematics and Modeling

📞 +216 93150333 | ✉ rayhane.aissa@ensit.rnu.tn | 🌐 Portfolio | ⏺ github.com/Rayhane-aissa | 🔗 Rayhane Aissa

Education

National Engineering School of Tunis (ENSIT) — 2024 – Present
National Engineering Degree in Applied Mathematics and Modeling

Preparatory Institute for Engineering Studies of Nabeul (IPEIN) — 2022 – 2024
Specialization: Mathematics and Physics (MP)

Dar Chaaben El Fehri High School, Nabeul — 2019 – 2022
Baccalaureate in Mathematics — With Honors

Projects

Airline Passenger Segmentation — April 2025
Supervised learning project to segment airline passengers based on their travel behavior ⏺

Recommendation Engine — January 2025
Built a basic movie recommendation system in Python using collaborative filtering

Gold Price Prediction — February 2025
Predicted gold prices using XGBoost model based on economic indicators and geopolitical trends

Computer Vision for Industrial Inspection — February 2025
Worked on visual quality control using computer vision techniques (details TBD)

Clubs & Activities

Nerdata ENSIT Club — September 2024 – Present
Member & Event Contributor

- Helped organize Data Fest 1.0

IEEE ENSIT Student Branch — September 2024 – Present
Active Member – Computer Science Section

Skills & Tools

Programming: Python, C/C++, Java, MATLAB, HTML/CSS/JS
Libraries/Frameworks: NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn
Tools: Git, GitHub
Environments: Jupyter Notebook, VSCode

Certifications

NVIDIA - Computer Vision for Industrial Inspection [Credential]

Languages

Arabic (Native), French (Fluent), English (Advanced)

Interests

Books, Violin, Video Games