Rayen Gallas

Personal Information
Nationality: Tunisian
Availability: summer 2025

Contact Information
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https://github.com/rayen003/rayen003

Education

Esade Business & Law School, Ramon Llull University   Barcelona, Spain
Bachelor of Business Administration and Artificial Intelligence – BBA&AI   09/22-06/27
- Relevant coursework: Machine Learning, Corporate Finance
- Scholarships: Esade Talent Scholarship
- GPA: 8.5

Work Experience

Helpful Engineering   Remote
AI developer   10/24-

- Implementing advanced search algorithms and fine-tuned large language models (LLMs), alongside agent-based frameworks like CrewAI and LangChain to improve data interoperability.
- Enhancing data quality and accessibility by employing symbolic matching techniques, fostering a more sustainable and transparent manufacturing ecosystem.

PwC   Tunis,Tunisia
Risk Management intern   06/24-08/24
- Spearheaded the development of predictive transform-based models using TensorFlow and Scikit-learn to enhance IBEX 35 stock price forecasting accuracy by 25.
- Applied advanced time-series forecasting techniques, leveraging transformer architectures to model temporal dependencies and improve predictions of market fluctuations.
- Built data pipelines for real-time market analysis, enabling faster, data-driven decision-making in risk management frameworks.

Qatar National Bank   Tunis,Tunisia
IT intern   06/23-08/23
- Developed an interactive dashboard using Dash to visualize and analyze security data, streamlining and monitoring of cybersecurity threats.
- Performed data processing and feature engineering to optimize raw security data for enhanced visualization and analytical accuracy.
- Integrated dashboards into existing IT systems, providing real-time insights and improving response times to security incidents.

Rotaract Club Mediterranean   Tunis,Tunisia
Accounting intern   06/22-08/22
- Cooperated with the finance team in managing budgets and financial records for projects and events.
- Conducted data analysis to identify trends and discrepancies, providing valuable insights for decision-making.
- Collaborated with team members to streamline accounting processes and improve efficiency.

Language & Digital Skills

Arabic(native), English(fluent), French(fluent), Spanish(fluent), German(intermediate)

Python: Advanced (with emphasis on machine learning, TensorFlow, Scikit-learn, Keras, Pandas, Numpy)

Additional Information

- Certificates: Applied machine learning with Python, Financial markets, Deep learning with TensorFlow
- Co-founder and Vice-President of Enode: the Esade AI association