Yacine DAIT DEHANE

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[LinkedIn](#) — [GitHub](#) — [Portfolio](#) — [ADHAYA-Technos](#)

Profile

Final-year Master's student in Artificial Intelligence and Data Science passionate about advanced Deep Learning techniques, data-driven innovation, and secure software development. Experienced in leading projects and delivering real-world AI applications.

Education

Master 2 in Artificial Intelligence *2021 – 2026 (Expected)*
Higher School of Computer Science 08 May 1945, Sidi Bel Abbès

Experience

Founder & Marketing Director — Tisharwatt (E-Commerce) *Jan 2021 – Present*
Created and managed an online clothing store, leading market research, branding, and customer engagement strategies to build a loyal base through organic marketing.

Finance Member — Ingeniums Scientific Club *2021 – 2023*
Assisted in financial planning and budgeting to optimize resource allocation for technical and scientific initiatives.

Intern — CNAS El Bayadh (Database Administration) *Sep 2023*
Optimized database performance and helped improve data security procedures.

Cybersecurity Trainer — CNFE El Bayadh *July 2025*
Delivered a 3-day training for administrative staff covering threat awareness and secure practices.

Leadership

Co-Founder & Team Leader — ADHAYA_Technos Startup *2023 – Present*
Led engineering and product delivery for secure, scalable web and mobile ai-based applications.

Projects

Paperly: AI-Driven Academic Summarizer [GitHub](#)
OCR + LLM summarizer using GraphRAG and AgenticRAG (DeepSeek1.5, Mistral), deployed with Neo4j for scalable query-based summaries.

ProFynd: Geo-Smart Tutor Finder [GitHub](#)
Mobile application that allows users to find tutors based on GPS location and/or interests, built with Google Maps API, Firebase, and Android Studio (Java).

Drug Prescription Mining [GitHub](#)
Pattern-mining system leveraging ECLAT and FP-Growth on 239K medical prescriptions, deployed with Streamlit to provide real-time insights, intelligent suggestions, and anomaly/error detection alerts.

ESI Smart Store [GitHub](#)
Developed a modern web app for store operations with inventory tracking with real-time updates and a user-friendly interface.

Technologies

Languages: Python, C++, C#, Java, SQL, TypeScript
Frameworks & Tools: PyTorch,NumPy,PandasStreamlit,Scikit-learn, Gymnasium, SparkSQL, GraphX, Node.js, NetworkX, Hadoop, Android Studio, Firebase