

# Yacine DAIT DEHANE

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

## Profile

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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

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

## Experience

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**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

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

## Projects

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**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

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**Languages:** Python, C++, C#, Java, SQL, TypeScript

**Frameworks & Tools:** PyTorch, NumPy, Pandas, Streamlit, Scikit-learn, Gymnasium, SparkSQL, GraphX, Node.js, NetworkX, Latex