

Ben Hadeef Atef

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SUMMARY

Final-year engineering student in Data Science and Artificial Intelligence, passionate about intelligent automation, large language models (LLMs), and AI-powered solutions applied to real-world business use cases.

EDUCATION

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|---|--------------------|
| Engineering Degree – Data Science and Artificial Intelligence
<i>TEK-UP University, Tunis</i>
Specialized in Machine Learning, Deep Learning, and Artificial Intelligence. | 2023 – 2026 |
| Bachelor's Degree – Automation and Industrial Computing
<i>ISET Mahdia</i>
Trained in automated systems and industrial programming. | 2020 – 2023 |

EXPERIENCE

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|---|--------------------|
| Internship – Agency Sizing and Efficiency Analysis
<i>Attijari Bank - Headquarters, Tunis</i>
Analyzed transactional volumes of over 170 branches to calculate required FTE (Full-Time Equivalent), designed an interactive Power BI dashboard, and provided strategic recommendations for better human resource allocation. | Summer 2025 |
| Internship – Skill Assessment and Certification
<i>TEK-UP, Tunis</i>
Prepared for PCAP Python and OCA Java certifications, strengthened object-oriented programming fundamentals, and applied skills through advanced technical projects. | Summer 2024 |

PROJECTS

- Document AI Assistant (RAG + LLM)**
Built an intelligent assistant capable of querying PDF/CSV documents using a Retrieval-Augmented Generation (RAG) architecture. Technologies: FAISS, HuggingFace MiniLM, LLaMA 3 (Groq API), Streamlit. Reduced document search time by 80%.
- HR Automation with ATS Scoring (n8n + Gemini)**
Created a no-code workflow for CV pre-screening: PDF extraction → evaluation via Gemini API → Google Sheets integration → conditional Gmail notifications. Reduced application processing time by 90%.
- Customer Risk Prediction System**
Full-stack credit risk scoring application: Python/FastAPI backend for scoring, TypeScript/React frontend with real-time visualization. Decision support tool for loan officers.
- Laptop Aggregator Website**
Dynamic scraping web application (MyTek/Tunisianet) with filters by type, processor, and price. Unified data display in an intuitive user interface. Gained strong expertise in real-time scraping and aggregation.

SKILLS

- Programming Languages:** Python, SQL, Java, R
- Tools & Frameworks:** FastAPI, Flask, Power BI, Streamlit, Jupyter, Git, VS Code, n8n
- Technical Expertise:** Machine Learning, NLP, Deep Learning, LLMs, RAG systems, web scraping, workflow automation
- Soft Skills:** Problem-solving, teamwork, Agile methodology, technical communication

LANGUAGES

Arabic, French, English

INTERESTS

Applied AI, automation, NLP, open-source projects, Kaggle