

CONTACT

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MAHDAOUI MALAK INES

MASTER'S CANDIDATE & STATE ENGINEER TRACK

ASPIRING AI ENGINEER SPECIALIZING IN COMPUTER VISION AND DEEP LEARNING, WITH A PROVEN TRACK RECORD IN MOTION MAGNIFICATION AND LARGE SCALE DATA MODELING. COMMITTED TO DEVELOPING INNOVATIVE, SCALABLE, AND ETHICAL AI SOLUTIONS.

ABOUT ME

Highly motivated Computer Science student at ESTIN, specializing in AI and Data Science with a consistently strong academic record. Experienced in designing intelligent systems, handling large scale data pipelines (Talend, PostgreSQL), and statistical modeling (18.12/20). Passionate about high performance computing and database optimization, I am eager to advance my technical expertise in distributed systems and scalable computational solutions within a rigorous international Master's program.

SKILLS

- **Artificial Intelligence:** Machine Learning, Deep Learning, Natural Language Processing (NLP), Reinforcement Learning (AI Agents), Image Processing (computer Vision).
- **Data Science:** Data Analysis & Visualization, Business Intelligence (BI), ETL Tools (Talend).
- **Technical Stack:** Python, R, SQL, NoSQL Databases, Cloud Computing.
- **Cybersecurity:** Cryptography, Network Security, Computer Security.
- **Transferable Skills:** Critical thinking, project management, and teamwork.
- **Languages:** Arabic (Native), French (B2), English (B2), German (Beginner), Italy (Beginner)

EXPERIENCES

Research Intern (Graduation Project) – CDTA – Feb 2026 – July 2026(Ongoing)

- Developing a Facial Spoofing Detection based on Motion Magnification, Color, and Texture analysis

Data Analysis Intern – CHU Sétif – 2025

- Applied data science techniques to analyze and visualize medical datasets for hospital management

Network Security Intern – Algérie Poste – 2024

- Conducted security audits and managed network administration protocols.

EDUCATION

ESTIN – Higher School of Computer Science (AI & Data Science)

Expected Graduation: 2026

- **Master's Degree / State Engineer in AI & Data Science**

Academic Performance:

- 2021: 13.13/20 – Rank 111 / 297
- 2022: 12.84/20 – Rank 60 / 247
- 2023: 13.57/20 – Rank 28 / 171
- 2024: 13.39/20 – Rank 14 / 99
- 2025: First Semester 15.26/20

2025 – 2026: Higher Cycle, 3rd Year – ESTIN (Higher School of Computer Science)

- **Specialization:** Advanced Artificial Intelligence and Data Science.
- **Key Modules & Projects:** Deep Learning, NLP, Reinforcement Learning, Image Processing, NoSQL Databases, Business Intelligence, and AI Ethics.
- **Note:** Successfully completed a technical project for each module listed.

2023 – 2025: Higher Cycle, 1st & 2nd Year – ESTIN

- **Focus:** Machine Learning (Classification, Clustering), Software Engineering, and Cloud Computing.

2020 – 2021: Scientific Baccalaureate

- **Honors:** High Honors (Très Bien) – Average: 16.78/20

PROJECTS & LEADERSHIP

- **ABPSCHOOLE:** Developed a comprehensive desktop application for school management
- **UniDash:** Game development team member – 3D assets generation using Blender.
- **Event Organization:** Led the organization of Nexzero CTF (Cybersecurity) and Ideatech.
- **Scientific Clubs:** Active member of ByteCraft, Nexus Security, SOAI, and GDSC.
- **Mentoring:** Served as a Design Mentor during Design Camp 2022.

CERTIFICATIONS

- **Associate Data Analyst** – Datacamp.
- **Machine Learning & AI Foundations** – Coursera.
- **Introduction to Cryptography** – Coursera.
- **Event Organization Certificate**