BOUCHRARA Maher *Software Engineering Student*

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◯ Maher-bouchrara in Maher Bouchrara

PROFILE

Software Engineering student with a strong focus on Machine Learning and applied AI, experienced in designing intelligent solutions and automation systems. Complemented by solid web development skills, currently seeking a summer internship in AI or software engineering.

EDUCATION

Bachelor's degree in Computer Science
Higher institute of computer science ISI Ariana | 2021-2024

Software Engineering degree program
Higher institute of computer science ISI Ariana | 2024-2027

PROFESSIONAL EXPERIENCE

Interactive Website and Dashboard for a Travel Agency　　　06/2025 – 08/2025
Odysse Travel Services　　　Tunis — Summer Internship
  Showcase website and dashboard for a travel agency, with CRM functionality and real-time statistical analysis.
  Technologies used: Supabase, Express.js, Next.js, i18n, Node.js , GoogleAnalytics.

Maintenance and Optimization of a AI platform for decision-making in cryptocurrencies　　　10/2024 – 04/2025
  Development of new features and ongoing bug fixing.　　　Paris — Part-time
  - **Technologies used:** React, Next.js, Firestore, Google Cloud, Microservices.

Migration of a Laboratory Information Management System　　　01/2024 – 06/2024
Yasmine Engineering Systems　　　Tunis — End-of-Studies Project
  Development of a web application for managing laboratory data (LIMS).
  - **Technologies used**: Angular, ASP.NET, Swagger, Mantis BugTracker, Stimulsoft, SVN.

PROJECTS

AI-Powered Job Search Automation　　　10/2025
  AI tool automating real-time job offer scraping and matching with CVs.
  - **Technologies used:** Python, JobSpy, Ollama(Llama 3.2), Streamlit.

Exam Supervision Scheduling Optimization System – 3rd place in ISI competition　　　10/2026
  Desktop application automating exam scheduling and generating optimal timetables based on constraint programming.
  - **Technologies used:** Electron, Flask ,Google OR-Tools (CP-SAT), SQLite.

AI-Based HR Automation System - Hackathon Project organized by EY　　　01/2025
  Automated recruitment system generating technical tests tailored to each position.
  - **Technologies used**: RAG, Langchain, Flask, IMAP, Flutter.

SKILLS

Web Development
  Flask, Spring Boot, Angular, SQL, MongoDB, Firebase, React, Next.js, Git, Github, Docker.

Artificial Intelligence and Computer Vision
  TensorFlow(CNN), RAG, scikit-learn (Linear/Logistic Regression, Random Forest, Decision Trees), OpenCV.

CERTIFICATES

Docker Crash Course – ReBootKamp (RBK) 🔗
  - Workflow optimization, scalable deployments, and Docker volume management.

CDOSS Artificial Intelligence and Machine Learning Fundamentals 🔗
  - Built strong foundations in data preprocessing, feature normalization, and core machine learning models.

ORGANISATIONS

Securinets ISI
Technical member | 2023-2025

Enactus ISI
Vice President of Marketing | 2024-2025

LANGUAGES

English (B2) | **French** (B2)