

Mehdi Khabouze

IT Engineering Student

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AIM

I am looking for a 3-4 month internship starting in May 2025, with the possibility of further employment.

My goal is to leverage my skills and passion for solving complex problems in an IT engineering role, particularly in AI & Cybersecurity. I am also open to other opportunities in related fields.

PROJECTS

- Pac-Man (C Language): An interactive game developed using SDL2 on macOS.
- Vie de l'ENSEIRB (PHP, JS, SQL): A website inspired by viedemerde.fr, featuring dynamic content management via a database.
- Real-Time Aircraft Tracking Application (MATLAB): Processes ADS-B signals captured by the school's antenna (Flight Radar 24).
- Multi-User Chat Application (C Language): Real-time messaging platform using sockets to manage network connections.
- DSM Software (C Language): distributed shared memory access with robust rights management and dynamic page transfers between processes across networked machines.
- Barcode Detection Application (Python): Image processing for analyzing and recognizing barcodes, integrated with a database.
- **Schotten Totten (Java):** A card game with AI and rule management.
- Signal Classification Application (MATLAB, Python): Analysis and processing of various signals, such as ECGs, using the DFA method.



All my projects are available on my personal website: mehdi-kbz.github.io/-/

KEY SKILLS

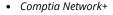
- Adaptability
- · Driver's License
- Organizational Skills
- Team-Work

CERTIFICATIONS 😥









Mars 2024 - July 2024

Stanford Machine Learning Specialization Harvard Computer Science CS50p

Dec. 2023 - Feb. 2024 July 2022 - Aug 2023

LANGUAGES



- English (C1 TOEIC 975/990)
- German (A2)
- French (C1)
- Arabic (C1)
- Spanish (A1)

WORK EXPERIENCE





IT security & network intern

Rabat, Morocco

Moroccan Pension Fund.

May 2024 - Aug 2024

- Development of a secure portal for 200+ monthly visitors.
- Guest provisioning using Aruba systems.
- Implementation of a real-time traffic monitoring interface.

Iunior Consultant

Bordeaux. France

Aquitaine Électronique Informatique

Jan. 2024 - Present

- Designed and implemented solutions for various companies.
- Project management, collaboration, creativity, and adaptability.

Founder of Prepa Zone

International 2023 - Present

E-learning website: <u>prepa-zone.com</u>

- Managed marketing and financial strategies.
- Full development (UX/UI, SEO, Security, etc.).
- Training and recruitment.

Private Tutor

International

Mathematics, CS, Physics-Chemistry

2021 - Present

- · Mentoring for universities, and high schools.
- Effective methodology, pedagogy, and communication.
- Exam preparation techniques.
- Partnership with Complétude Bordeaux and Myschool Maroc.

EDUCATION





IT Engineering

Bordeaux, France

Enseirb-Matmeca Bordeaux INP

Sep. 2023 - 2026

- Master's degree (BAC+5) accredited by the Commission des Titres d'Ingénieur (CTI) with the EUR-ACE label.
- Minimum 17 weeks of international mobility.
- Telecommunications, Security, Networks, IoT, Software, etc.

Bachelor in Engineering Sciences

Bordeaux, France

Enseirb-Matmeca Bordeaux INP

Sep. 2023 - June 2024

- Bachelor's degree (BAC+3) with the EUR-ACE label.
- Minimum 17 weeks of international mobility.
- Four pillars: computer science, networks, digital communications, and signal and image processing.

Student in Preparatory Classes

Rabat, Morocco

Lycée Moulay Youssef

Sep. 2021 - July 2023

- Most prestigious public preparatory class in the Kingdom.
- Intensive programs in Mathematics, Physics-Chemistry, Computer Science, and Engineering Sciences.
- MPSI (Mathematics, Physics, and Engineering Sciences) stream, followed by MP* (advanced mathematics and physics).
- · Skills in French philosophy and languages.

HOBBIES



- · Weightlifting and Football
- Finance and Investment
- Automotive Enthusiast and International Travel