



Mohamed Alae Bahrar

FORMATION

2025 -2026 1st year of the engineering cycle at ENSEEIHT (Electronics, Electrical Engineering, and Automation - 3EA).

2023-2025 Scientific preparatory classes (MPSI - MP), Lycée d'Excellence Mohammed VI, Casablanca.

2023 - Moroccan Baccalaureate, Mathematical Sciences B stream, with honors, Lycée Le Jasmin, Sefrou.

PROFIL

I love learning, innovating, and pushing my limits every day. I fully commit myself to my projects and constantly strive to improve.

CONTACT



Toulouse



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CENTRES D'INTÉRÊT

Sports :

Football, Cycling, Swimming

Travel :

Morocco, France

EXPERIENCES

2025

TIPE project (CPGE oral exam): Probabilistic Model for the Emotional Optimization of Guitar Chord Transitions

- Modeling harmonic transitions using Markov chains.
- Simulation of chords and analysis of perceived emotional impact.
- Application of information theory and entropic cost functions.
- Optimization of chord sequences based on a probabilistic emotional criterion.

2024

Seasonal employee at Restaurant Breaky, Casablanca

- Ensured high-quality service.
- Welcomed and advised customers.
- Handled the cash register.

2023

Secretary at the library of LEM6 (Lycée d'Excellence Mohammed VI)

- Managed book loans and returns.
- Organized and updated the classification of documents.
- Assisted students in finding educational resources.
- Entered and updated data in the library's database.

SKILLS

Languages

Arabic
English
French
Spanish (Basic knowledge)

Technical skills

Python programming
Mathematics
Physics