



Ilyes Bechoual

In first year of Master's degree.
Computer Science Major
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PROFILE:

Student in Computer Engineering at ENSEIRB-MATMECA, seeking a 3-month supervised research abroad in the field of Computer Science from June to September 2024.

EDUCATION

• Enseirb-Matmeca, Bordeaux.

Engineering school specializing in advanced technology and applied mathematics education.



2022-2025

• Preparatory School for Higher Education Jacques Decour, Paris 9.

Math Sup - Math Spé : Intensive French prep courses for engineering school entrance.



2020-2022

• High School Maurice Ravel, Paris 20.

Equivalent to an A level in science.



2017-2020

EXPERIENCE

• CACEIS BANK

IT Management Control Intern



June - July 2023

Paris

- Actively managed budgets and engaged in various aspects of management control, enhancing proficiency in Excel and successfully completing related tasks.
- Developed knowledge in financial management and data analysis, contributing to the team's objectives.

PERSONAL PROJECTS

• Fluencia: AI Language Learning Tool

Summer 2023

Created interactive AI language tool with chat-based interface, AI model, and database integration and open-source.

- Tools & technologies used: Python, SQL, AI models, Data Base.
- The aim of the project : Facilitated language learning through conversation-based interaction, enhancing user fluency and language acquisition skills.

• Amazons Game Implementation

Jan - May 2023

Implemented the Amazons board game using C.

- Developed a server application allowing multiple clients to play the Amazons game using dynamic loading of shared libraries and interprocess communication.
- Utilized the GNU Scientific Library (GSL) to implement efficient graph representation and algorithms, employing Compressed Row Format (CSR) for optimal storage and retrieval of graph data.
- Collaborated with team members to design and implement diverse client strategies, fostering teamwork, communication, and problem-solving skills.

• Optimizing Trajectories to Prevent Air Disasters using Genetic Algorithms

Sep 2021 - July 2022

Optimized airplane trajectories using Genetic Algorithms during my 2 years of prep school.

- Tools & technologies used: Python, Genetic Algorithms.
- Presented the project to a panel of judges.
- Effectively communicated project findings, showcasing problem-solving abilities.

TECHNICAL SKILLS AND INTERESTS

Languages: French: Native language, **English** : C1 (945/990 TOEIC), **Arabic**: Basic knowlegde, **Japanese**: Basic knowledge.

Developer Tools: C , Python, Javascript, SQL, Java, Bash, C++, LaTeX, Assembly, php.

Soft Skills: Leadership, Strong analytical skills

Areas of Interest: Data Science, Math, Sport.

POSITIONS OF RESPONSIBILITY

• EIRSPORT, ENSEIRB School Sports Association

Beach Volleyball Responsible