

# Mazen Messai

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## Education

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### ENSEEIH

*Engineering Degree in Computer Science*

*Sept 2024 – May 2026*

- **Coursework:** Computer Architecture, Comparison of Learning Algorithms, Computational Theory

### Lycée Franklin Roosevelt

*MP2I/MPI : Classe Préparatoires aux Grandes Ecoles*

*Sept 2022 – May 2024*

- ECTS : With distinctions
- **Coursework:** Advanced Maths, Theoretical Computer Science, Physique

## Publications

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### Etude Comparative des Algorithmes Minimax et MCTS pour le Jeu 2048

June 2024

Omar Tir, **Mazen Messai**, Nicolas De Bigault De Granrut, Xavier Badin de Montjoye

## Projects

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### Mandelbrot sets Plotter

[The Github repo](#) 

- Developed a piece of software that generates Mandelbrot Sets using Raylib and Threading
- Tools Used: C, Raylib

### 7ma Cable

[The Github repo](#) 

- Developed a wiring diagram software for the cinema club of my school, TV N7.
- Tools Used: Godot, GDScript, Adobe Ai

### 2048 IA

- Built an IA that play (and win) the 2048 using MiniMax algorithm.
- Tools Used: Python

## Technologies

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**Languages:** C, Python, Godot, HTML, CSS, JavaScript

**Technologies:** Visual Studio Code, Raylib, Svelt

## Languages

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French: ★★★★★  
English: ★★★★★  
Arabic: ★★★★★  
German: ★★★★★  
Mandarin: ★☆☆☆☆