OMAR AHMED
STUDENT AT EPITECH
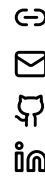
🔗 https://portofolio-website
✉ omar.ahmed@epitech.eu
⎇ github.com/omarcodes022
in www.linkedin.com/omar-ahmed

EDUCATION

EPITECH
Programme grande école(BAC+5) a EPITECH STRASBOURG
- **Courses**: Unix system, Graphical programming in C, Networks and systems
- **GPA**: 4.0/4.0
- **Programming langs**: C, C++, PYTHON

Aug 2024 – May 2029

AIX-MARSEILLE Université
Programme Protail Rene-Descartes
- **Courses**: Data Structures & Algorithms, Linear Algebra, Intro to Engineering
- **Programming langs**: JAVA, PYTHON
- **Activities**: Coding Club

Aug 2023 – May 2024

PROJECTS

UNIX SYS COMMANDS

Implemented a project in C to replicate and explore the functionality of core Unix commands such as **sudo**, **top**, and **printf**.
- Developed custom versions of these commands to understand how they work under the hood, focusing on system calls and command-line behavior.
- Simulated real-world file system navigation and text formatting, using these commands as practical examples.
- Debugged and optimized the implementation for accuracy and efficiency, ensuring realistic functionality.

Graphical Programming in C

Built a graphical shooting game using the Simple and Fast Multimedia Library (**SFML**) in C.
- Designed and implemented core gameplay mechanics such as a player-controlled shooter, enemy movements, and scoring systems.
- Added features like animations, collision detection, and responsive event handling to create an engaging user experience.
- Focused on performance optimization by utilizing efficient rendering techniques and managing resources effectively.

Advent of Code

•Solutions for the competitive programming challenge Advent of Code, Python and C
•Used Advent of Code to teach 30+ students programming as President of the Coding Club

SKILLS

•**Languages**: ARABIC (Native speaker), FRENCH (), ENGLISH ()
•**Programming Languages**: C, C++, Python, Java, Go, BASH
•**Interests**: FPL (1x Top 10k Finish), PADEL & FOOTBALL