YOUNESS SBAI
Computer Engineering & Networks Student

CONTACT INFO

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- ⬛ SBAI-Youness
- 🔗 Youness SBAI
- 🌐 Portfolio
- 🏠 Marrakesh, Morocco

SKILLS

Technical Skills:

- **Languages:** C/C++, Python, JavaScript/TypeScript, PHP & Rust
- **Web Development:** HTML, CSS, ReactJS, Tailwind CSS, Node.js, Express.js & Laravel
- **Database Management:** SQL, MySQL & MongoDB
- **Networking & Protocols:** TCP/IP, UDP, DNS, DHCP, HTTP/S, SMTP, FTP, VPN, VLANs, Subnetting, Routing & Switching, Firewall configuration & Packet analysis (Wireshark)
- **Penetration Testing:** Metasploit, Nmap & Burp Suite
- **Operating Systems:** Windows & Linux
- **Modeling & Design:** Merise & UML
- **Virtualisation:** VirtualBox & VMware
- **Version Control System:** Git/GitHub
- **Game Development:** SDL & Raylib

Soft Skills:

- Collaboration & Teamwork
- Critical Thinking
- Time Management
- Adaptability

LANGUAGES

- **Arabic:** native
- **French:** Intermediate (TCF B1)
- **English:** Advanced (ALC ADV 5)

HOBBIES & INTERESTS

- Volunteering & Mentorship
- Photography & Digital Art
- Sports & Fitness

COMMUNITY & LEADERSHIP

Founder & Moderator
Cyber Security Community, Discord
Founded a 100+ member community focused on advancing in cybersecurity through CTFs, workshops, and collaborative learning.

ABOUT ME

Third-year Computer Engineering & Networks student at EMSI Marrakesh, specializing in cybersecurity and programming. Actively involved in CTFs and technical projects, always pushing my skills further and contributing to the tech community.

EDUCATION

École Marocaine des Sciences de l'Ingénieur, Marrakesh
- Engineering Cycle: Computer Engineering & Networks   2025 - Present
- Preparatory Classes   2023 - 2025

Établissement EL KHALED 2, Marrakesh
- Baccalaureate of Physical Science   2022 - 2023

ACADEMIC PROJECTS

Snake Game: (C + SDL2)
Developed a Snake game featuring both solo and competitive 1v1 modes, implementing real-time input handling, persistent high-score tracking, and smooth 60 FPS rendering.

Stock Managment System: (C + OpenSSL)
Developed a secure console-based CRUD application with user authentication, search/sort, and OpenSSL password hashing, featuring brute force prevention and secure session management.

Sudoku Game: (C + Raylib)
Developed a Sudoku game featuring a backtracking algorithm for puzzle generation, multiple difficulty levels, live timer, and save/load functionality using raylib for graphics.

Melody Mosaic: (MERN Stack + Socket.io + Clerk + Shadcn/ui + Cloudinary)
Full-stack music platform featuring playback, playlist management, real-time chat via Socket.io, and secure auth using Clerk. Built with a modern UI via Shadcn/ui and Cloudinary for media storage.

VOLUNTEERING ACTIVITIES

Ambassador
Career Center EMSI, Marrakesh   April 2025 - Present
As an Ambassador, I organized events, workshops, and summer camps, connecting students with industry professionals and strengthening my leadership, communication, and project management skills.

Cyber Security Officer
Club Innovation EMSI, Marrakesh   October 2024 - Present
As a Cyber Security Officer, I protected systems, led public awareness workshops, and helped implement innovative solutions—strengthening my skills in risk management, training, and cybersecurity.

English Teacher
American Language Center, Marrakesh   May 2024 - January 2025
Teaching English has allowed me to develop strong communication and presentation skills, adapt complex concepts for diverse audiences, and enhance my ability to effectively manage and engage groups.

COURSES & CERTIFICATES

Coursera:
- Google Cybersecurity Professional Certificate | Google
- C Programming for Everybody Specialization | University of Michigan
- Introduction à la programmation orientée objet (en C++) | EPFL
- HTML, CSS and JavaScript for Web Developers | Johns Hopkins University

Udemy:
- CCNA Networking Essentials: A Comprehensive Cisco Course | Meta Brains