Mohamed Ikbel Faiz

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SUMMARY

I'm an ICT Engineer with a passion for low-level programming and digital security. My focus is on exploring the intersection of embedded systems and cybersecurity — from IoT device hardening to ethical hacking.

EDUCATION

- Baccalaureate in technical sciences– Graduated with a score of 17.12

- Preparatory School – Ranked 20th in engineering school entrance exams

- Completed my 1st year of engineering cycle – Higher School of Communication (SUP'COM)

EXPERIENCE

- Plethora of Academic Projects:

  - Hotel Management System – C: Developed a C program to manage guest information and reservations (add, edit, search, delete) using structures and file handling.

  - Restaurant Database – MySQL: Designed a relational database for restaurant management, including modeling, table creation, and SQL queries.

  - Arithmetic and Logic Unit – VHDL: Implemented on a Basys FPGA board, enabling basic arithmetic and logic operations.

  - etc

- Actively participated in CTF Challenges (Capture the Flag)

LANGUAGES

- Arabic: Native language
- English: Proficient
- French: Intermediate

SKILLS

- Programming Languages: C/C++, Python
- Database: MySQL
- Linux & Networking Fundamentals
- Web Development (HTML, CSS)

CERTIFICATIONS

- CCNA 1 – Introduction to Networks (Cisco Networking Academy)
- Matlab Onramp (MathWorks)