Ghaith Hmidi

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Profile

- Computer engineering student at ESPRIT, passionate about innovation, cybersecurity, and problem-solving. Skilled in software development, networking, and database management, with demonstrating adaptability and strong teamwork skills. Currently seeking a summer internship, I am highly motivated to contribute to ambitious technological projects while further developing my skills, especially in cybersecurity.

Education

ESPRIT: Ecole Supérieure Privée d'Ingénierie et de Technologie: 1st year, Engineering cycle. *2022 – 2027*

Hard Skills and Soft Skills

Hard Skills:

- C++, C, Java, HTML5, SQL, PHP, CSS, JavaScript, SDL 1.2, Unix, Python, Arduino IDE, Qt Creator, MPLAB, Proteus ISIS, JavaFX, Symfony, FlutterFlow, Firebase.

Soft Skills:

- Teamwork, creativity, problem solving, communication, technological curiosity, perseverance and resilience.

Certifications

- **Cisco Certified Network Associate (CCNA)** – Cisco. *in progress*

Experience

CPG, Compagnie des Phosphates de Gafsa *Intern – July 2023 – August 2023*

- Developed web applications to automate and optimize internal processes.
- Improved workflows to increase operational efficiency.
- Contributed to optimizing network infrastructure to enhance performance and security.
- Participated in network administration projects and system improvements.
- Collaborated with teams to ensure task coordination and teamwork.

Projects

HR360 *February 2025 – May 2025*

- Developed a solution combining a desktop application and a website to simplify internship search and management.
- **Tools used :** SQL, JavaFX, Symfony.

RestoGo *December 2024*

- Developed a mobile application to manage restaurant orders and reservations.
- **Tools used :** Firebase, FlutterFlow.

Switched Networks *November 2024 – December 2024*

- Designed and configured a secure network infrastructure with VLANs, multi-site interconnection, and advanced router management.
- **Tools used :** Cisco Packet Tracer.

SmartCare *February 2024 – April 2024*

- Developed a desktop application for an intelligent physiotherapy center aimed at optimizing patient care and follow-up, with integration of a fan, RFID system for employee identification, and a countdown timer for each session, controlled via Arduino.

- **Tools used :** C++, Qt, SQL, Arduino.

Local Art *November 2023 – December 2023*

- Design and development of an e-commerce website dedicated to selling handmade products, featuring advanced product management under my responsibility, along with other specific management functionalities.
- **Tools used :** PHP, HTML5, CSS, JavaScript, SQL.

Can dispensing machine *October 2023 – November 2023*

- Developed an embedded system based on a PIC16F84 microcontroller for automated vending machine management.
- Designed and simulated the circuit using Proteus ISIS.
- Programmed and debugged the microcontroller with MPLAB.
- **Tools used :** C++ ,MPLAB ,Proteus ISIS.

Spero *February 2023 – April 2023*

- Developed an adventure game where the player controls a character on a quest for love, fighting enemies and using a special item called "Spero" to defeat them in a dynamic virtual environment, with integration of a game controller powered by Arduino.
- **Tools used :** C, SDL 1.2, Oracle VM VirtualBox, Arduino.

Languages

- English: Intermediate (B1).
- French: Advanced (B2).
- German: Beginner (A1)
- Arabic: Native.

Hobbies and Interests

- Strength training, video games, chess.

Clubs et Associations

CyberHack – ESPRIT - (club secretary) *Since March 2025*

- Actively participated in organizing cybersecurity workshops and hackathons. Contributed to the creation and launch of the club alongside a team of students passionate about information security.