



SAMI ABDELMALEK HAMROUN

Intern

COORDONNEES

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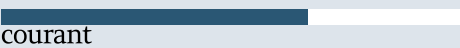
COMPETENCES

- Creativity and innovation
- Adaptability
- Rapid learning ability
- Work organization
- Teamwork
- Effective communication
- Frontend: HTML,CSS,Javascript
- Back-end:Express.js , SQL
- Software Development: Java (JDBC, Swing), C, C++, JavaScript
- Databases: SQL (MySQL)
- Others: Git, GitHub, VS Code, Eclipse, Figma

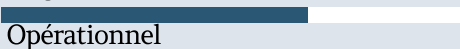
CENTERS OF INTEREST

- Participation in hackathons and tech competitions
- Learning new technologies (Cloud, AI, Big data, etc.)
- Cyber security and ctf
- sport (gym et calisthenics)

French



English



Arabic



PROFILE

second-year computer science student, I aim to apply and deepen my skills in a dynamic environment. Rigorous and analytical, I also possess strong writing skills. Curious and adaptable, I enjoy taking on challenges and exploring diverse issues.

PROJECT

- Web Project – Exam Surveillance Management (in Progress)
 - Developing an automated system for assigning exam supervisors.
 - Optimized algorithms to meet scheduling and pedagogical constraints.
 - Stack: Node.js, Express, MySQL, JavaScript, Figma, HTML, CSS.
- Java Project – Combat Game
 - Implemented a turn-based combat system based on strategies tailored to each character.
 - Each character possesses unique skills influencing the course of battle
- C Project – File Management System Simulator
 - Developed a C simulator to manage files and their operations (virtual storage space + block concept).
 - Managed files, including secondary memory organization, data file manipulation, and metadata management.
 - Collaborated with team members to design an efficient solution.
- Java Project – Task Management Application (Task Manager)
 - Developed a Java application with a graphical user interface (Swing) based on the MVC architecture.
 - Integrated a secure authentication system (SHA-256) and MySQL database.
 - Features: addition, modification, deletion, task marking, reward system (coins).
 - Implemented notifications for unfinished tasks and rigorous user input validation.

- CSS Frames Project
 - Designed a CSS library grouping reusable components.
 - Provided optimized styles for future use.

Formation

- **Engineering Degree in Computer Science:**
informatique,09/2023-En cours
USTHB-ALGER
- **Training in Cybersecurity [CTF]**
Participated in Capture The Flag (CTF) competitions to enhance practical skills in cybersecurity.