



HMIDDOUCH ABDESSADEK

COMPUTER SCIENCE ENGINEERING STUDENT

CONTACT

☎ +212 701283911

✉ abdessadekham@gmail.com

📍 Marrakech

EDUCATION

2020-2021

- Bac In Math

2021-2023

- Preparatory Program

2023-2024

- Computer Science

SKILLS

- HTML && CSS
- JavaScript && TypeScript
- React js && Next js
- PHP
- Python
- C && C++
- Graph Theory
- Numerical Calculation with MATLAB
- GIT
- Data Analysis With Python
- MYSQL
- Basic TensorFlow
- Docker

LANGUAGES

- Arabic(fluent)
- English (Intermediate)
- French (Intermediate)

PROFILE

As a dedicated computer science student, I have a strong passion for developing projects that incorporate innovative ideas and creative solutions. I enjoy turning concepts into practical applications, focusing on simplicity and clarity in both design and implementation. My hands-on experience in various projects has honed my skills in problem-solving, coding, and utilizing new technologies. I thrive on challenges and continuously seek opportunities to expand my knowledge and contribute to impactful projects.

PROJECTS

Smart Contract Analyzer

05/2024

- **Description:** Developed a platform for detecting vulnerabilities in smart contracts, enhancing security for blockchain applications.
- **Technologies:** React.js, Flask, TensorFlow.
- **Key Contributions:**
 - Implemented the BLSTM model for vulnerability detection using TensorFlow, improving the accuracy of the system.
 - Collaborated on the development of the front-end using React.js and the back-end API with Flask.
 - Integrated CNN models to complement the BLSTM approach, providing a comprehensive analysis of smart contract security.

Voting System Platform

05/2024

- **Description:** Developed a web-based application for conducting and managing voting processes.
- **Technologies:** PHP, MySQL, HTML/CSS.
- **Key Contributions:**
 - Designed and implemented the backend using PHP to handle voting logic and data management.
 - Created a user-friendly interface with HTML and CSS for easy navigation and interaction.
 - Ensured data integrity and security by integrating MySQL for database management.

Computer Science Club Website

03/2024

- **Description:** Developed a dynamic and interactive website for the Computer Science Club, providing information about events, resources, and opportunities for members.
- **Technologies:** React.js, HTML/CSS, JavaScript.
- **Key Contributions:**
 - Utilized React.js to create a responsive and user-friendly interface, enhancing the browsing experience for club members.
 - Integrated interactive features such as event calendars, discussion forums, and member profiles to foster engagement within the club community.