

Hasna Amarmach

Software Engineering Student

+212 660-735087 | amarmachhasna22@gmail.com

As a passionate software engineering student with expertise in Java, Object-Oriented Programming (OOP), web development and initial data analysis exploration. My strong sense of responsibility, problem-solving skills and insatiable thirst for knowledge and challenges drive my fervent desire for professional growth and hands-on experience in the field.



Professional Skills

Web Development

- Front-end Development : Design and craft responsive user interfaces for websites, ensuring seamless interaction and intuitive navigation.
- Backend Development : Engineer robust server-side functionality, optimizing performance and security to power dynamic web applications and enhance user experiences.
- Software Analysis and Design : Familiarity with planning and designing software systems.

Database Analysis and Design with UML

- Skilled in analyzing and designing databases to meet project requirements, utilizing Unified Modeling Language (UML) for visualizing and communicating system designs.
- Experienced in translating business needs into comprehensive data models and diagrams.

Projects

Dental Clinic Desktop Application - Java

- Developed a Java desktop application for dental clinic management.
- Utilized JavaFX for the user interface and JDBC for database connectivity.

Management System Websites & Console Applications

- Designed and developed a robust management system with web and console interfaces, enabling users to perform CRUDS operations on data.

Diverse Basic Projects :

- Portfolio Website
- Basic logical games

Courses

- Front End & Back End Web Development Features
- Data Structures & Algorithms
- Object-Oriented Programming
- Relational Database

Activities

- Trainings Responsible - IT Club
- Moderator IT Community
- Document Creator - Education Club

Education

- **2st Engineering Cycle - Computer Science**
2024/2023
- **Baccalaureate-Physical science**
2021/2020

Coding Skills

- Problem Solving
- Git & Github
- Java,
- C/C++
- PHP
- Python
- HTML, CSS, JS,
- React, Spring Frameworks
- SQL (MySQL, PostgreSQL)
- LaTeX

Soft Skills

- Problem Solving
- Critical & Analytical Thinking
- Openness to Learn
- Bias for action
- Adaptability
- Teamwork
- Leadership

Languages

- English
- French
- Arabic
- Berber