

Najwa SOUGRATI
Developer , Bilingual
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Education

September 2020 - July 2023 Lille,France

University of Lille, France Bachelor of Computer Science

Relevant Coursework: OOP, Complexity and data structures, web Development (Javascript),DataBases , Network, Functional programming (Haskell).

Professional experience

Web developer - Reporting app web (Internship) Vallourec Services Center

April 2023 - July 2023 Valenciennes, France

- Web developer intern at Vallourec Developing a web application using Django for reporting purposes
- Focus on creating a user-friendly interface for data visualization and analysis
- Active participation in an agile work environment Regularly involved in sprint reviews, daily, and weekly meetings Responsible for deploying the web app on Azure
- Utilizing Azure's cloud infrastructure and services Ensuring scalability, security, and high availability of the application
- Gaining experience in full-stack web development, agile methodologies, and cloud deployment
- Contributing to Vallourec's technological advancements

Course related experience

Sports Competition Management

skills : Java , JUnit5, Design Patterns

- Facilitates registration, scheduling, scoring, and results.
- Participants register with necessary details.
- Automated calculation of scores and rankings.
- Communication tools for updates and notifications.
- Reports and analytics for performance assessment.

Maze Game

skills : Java , JUnit5.

- Graphical interface displaying maze layout and player's position.
- User-controlled movement using keyboard inputs.
- Inclusion of multiple maze designs for diversity.

Sharing Site

skills : Javascript (Express.js), node.js, html, css.

- Users can share items with others.
- Shared items can be reserved by different users.
- Reserving ensures exclusive access to reserved items.
- User authentication provides a trusted environment.
- Privacy and security maintained for shared items.

Machine learning program

skills : Python

- Image classification using linear regression.
- Goal: Categorizing images based on unique attributes and assigning labels.
- Skill development: Applied machine learning concepts practically.
- Proficiency demonstrated in programming and image analysis.

SKILLS : Programming Languages : Javascript, Java, Python, C, HTML, CSS,Haskell,AMPL.
Database: postgresql, MongoDB. Frameworks and Libraries: React, Django,Express.js, FastAPI. Tools: Visual Studio Code, Eclipse. Operating Systems : Windows, Linux.