

Ouahib Salma

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EDUCATION

Ecole Nationale Supérieure d'Information et d'Analyse de Système (ENSIAS) **Rabat**
Business Intelligence and Analytics Engineering 2023-2026

- **Courses:** PowerBi tool, python, Machine Learning, Deep Learning, Cloud, Administration system ...
- **Organization:** Cindh club: the National Human Development Initiative.

Semlalia Faculty of Sciences Marrakech **Marrakesh**
License Degree 2020-2023

- **Courses:** Web programming, JAVA language, c, oracle database, UML, Merise Method ...
- **Organization:** Enactus Club: En-entrepreneur Act-action Us-we all.

PROFESSIONAL EXPERIENCE

AIBOOST FOR INDUSTRIES **Casablanca**
Data Scientist July-15/8,2024

- Collaborate with my supervisor using Google Colab to implement an LLM (Large Language Model) from air ops platform . Use this model to analyze audio files stored on an FTP server from the first two weeks, extracting relevant information and outputting it as a JSON file.
- During the third week, store the data from the first two weeks in an Excel file, then upload this file to our FTP server.
- In the fourth week, extract additional useful data and store it in a DataFrame.
- During the fifth week, display the requested data on our platform for AI BOOST's client, ensuring it's presented according to the client's specifications.
- Use our LLM to extract additional information, including audio file titles, and organize this data in a third DataFrame.

Faculty of Science and Technology **Marrakesh**
Data Scientist June-July, 2022

- Co explored AI concepts including data science, machine learning (ML), and deep learning (DL) during a one-month training by diving into history, definition and libraries like TensorFlow and NumPy.
- Co curated a large dataset of images and videos from online platforms and by making short videos, including content depicting violence and abuse, to produce informative analysis videos.
- Co studied TensorFlow and fundamental machine learning concepts through online courses, enhancing 70% skills that is important for AI applications.

Habitat Dashboard: Visualize data based on a small Moroccan habitat database **Ensias-Rabat**
Data Analytics May-June, 2024

- Learn how to use Bokeh to develop an interactive application featuring data visualizations, ensuring the creation of responsive and user-friendly interfaces using bokeh documentation.
- Collaborate with my partner to research and define the project theme, focusing on finding resources to obtain Moroccan databases.
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- Collaborate using Git and GitHub to jointly develop an interactive application using Bokeh.

- Co conducted brainstorming sessions to identify root causes of supply chain issues such as 'Out of Stock', 'Stock Overload', and delayed deliveries by reaching out to the pharmacist in Oujda, listening to professor and working with classmates.
- Co utilized Power BI tools to prepare, clean, and refine complex datasets containing multiple tables for accurate analysis. This involved removing unnecessary columns, filtering out outlier rows, and adjusting variable types.
- Co performed in-depth data analysis employing various visualization techniques, including diagrams, to effectively communicate insights.
- Co leveraged analyzed data to formulate actionable recommendations aimed at mitigating supply chain challenges and optimizing operations.

Mario Game: Design and Modeling of a Video Game using Pygame Library
designer and developer

FSSM-Marrakesh
may-July, 2023

- Co analyzed the requirements outlined in the project specification document to understand project needs and objectives over one week.
- Co-created detailed application designs using various UML diagrams to illustrate architecture and component interactions over two weeks by sharing opinions and using ASTAH UML tools.
- Co utilized the Python library Pygame to develop interactive features and gaming elements, comprising 50% of the two-month project duration.
- Co implemented object-oriented programming (OOP) principles to organize and model code effectively for maintainability and scalability two weeks before the presentation.
- Co used the Tiled tool to visually design and manage the graphical user interface (GUI) of the application during the third weeks of our project. Co designed 7 depicting the initial pages, and 6 levels of the game

LEADERSHIP EXPERIENCE

Cindh club

Rabat

Responsible spam

2023-On going

- Research and identify influential individuals on Instagram who are known for their charitable work. Contact these celebrities prior to major charity events organized by our club. The goal is to secure donations, both in-kind and monetary, from June 2024 through June 2025.
- Co organized and participated in a day for orphaned children with 60+ attendees during a week end in October. Activities included mobilizing for donations, event organization, coordinating various activities, and engaging with children through play and discussion.
- Collaborated and supported a successful outreach convoy for individuals living in mountains over two months. Responsibilities included donation collection, sponsor outreach via calls and emails, and overseeing the essential donation sorting process for the convoy.
- Responsible for coordinating the "Relief for Orphaned Children" activity held on a weekend in April, with over 40 attendees. Successfully led a group of members in brainstorming ideas for the activity location, games, and snacks that children would enjoy.
- Led donation collection efforts, managed gift packing, and coordinated Rfissa preparation with team members for a group Ftour at an elderly home during Ramadan, bringing joy to over 35 elders.

SKILLS & INTERESTS

Programming Languages: Python, Java, SQL, PL-SQL, HTML5, JavaScript, C, C++.

Databases: MySQL, SQL Server.

Frameworks/Library: Pandas, Matplotlib, NumPy, BeautifulSoup, TensorFlow.

Operating Systems: Unix, Linux, Windows.

Design: UML, Merise.

Networking: Cisco Packet Tracer.

Others: Microsoft Power BI, Office, Data Structures, Adobe Photoshop, Adobe Illustrator.

Language: English, French, Arabic.

Interests: Public speaking, Marketing, Artificial Intelligence, Economy, Business Management.