ILIAS ZAAZAA

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 ilias zaazaa | ilias-stack | Ilias Zaazaa

Casablanca, Casablanca-Settat, Morocco

OBJECTIVE

An aspiring data scientist and software engineer, specializing in **data science, machine learning, big data engineering**, and **software development**. Passionate about leveraging advanced technologies to create impactful, data-driven solutions. Eager to contribute to innovative projects, enhance decision-making through data insights, and grow in a dynamic and collaborative environment. I seek opportunities to work with industry experts and drive real-world success.

EXPERIENCE

- **INWI** 🌐   *1st Jul 2024 - 1st Sep 2024*
  Intern   Casablanca, Morocco
  ◦ Created highly interactive Power BI dashboards, enabling more insightful data visualizations and improving decision-making workflows.
  ◦ Built advanced revenue forecasting models using machine learning and deep learning techniques, significantly improving accuracy in financial predictions.
  ◦ Developed a web-based intranet application to optimize document management across multiple departments, enhancing both accessibility and cross-departmental collaboration.

- **3D SMART FACTORY** 🌐   *1st Jul 2023 - 1st Sep 2023*
  Intern   Remote
  ◦ Designed and developed intuitive mobile interfaces to enhance user experience and engagement.
  ◦ Implemented robust backend services and relational databases, ensuring seamless functionality and data integrity.

- **Marokko Biz It** 🌐   *11th Apr 2022 - 1st Jun 2022*
  Intern   Remote
  ◦ Built a desktop demo application to optimize client subscription management, improving operational efficiency.
  ◦ Developed a facial recognition system to authenticate clients using their national ID, enhancing security and client verification processes.

- **VOIEINFO** 🌐   *1st Jul 2021 - 1st Aug 2021*
  Intern   Casablanca, Morocco
  ◦ Developed a dynamic sales management website, automating sales workflows and boosting business efficiency.

EDUCATION

- **ENSET**   *2022 - 2025*
  Engineering Degree   Mohammedia, Morocco
  ◦ Title: **Big Data and Cloud Computing**
  ◦ Status: **Ongoing**

- **EST**   *2020 - 2022*
  Technician Degree   Essaouira, Morocco
  ◦ Title: **Business Intelligence and Data Science**
  ◦ Status: **Finished**
  ◦ Score: **A**

SKILLS

- **Programming Languages:** Python, Java, Dart, JavaScript/TypeScript, C/C++, C#, SQL
- **Software Development:** Flutter, Angular, Tailwind, jQuery, Spring, Flask, Expressjs, QT, JavaFx
- **Database Systems:** MySQL, SQLite, Oracle, Redis, MongoDB
- **Data Science & Machine Learning:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, OpenCV, Selenium/BeautifulSoup, TensorFlow, ARIMA, Power BI
- **Cloud & DevOps:** Oracle Cloud Infrastructure, Firebase, Spring Cloud, Docker, Kubernetes, Swarm, Jenkins, Ansible, Terraform, Git
- **Big Data & Distributed Systems:** Hadoop HDFS, MapReduce, Spark, HBase, Cassandra, Kafka
- **Other Technologies:** Prompting, Blender, Unity
- **Languages:** English, French, Arabic
- **Core Competencies:** Problem-solving, Time Management, Communication, Teamwork, Fast Learner

PROJECTS

- **Intranet Document Management System**   *Jul 2024 - Sep 2024*
  Tools: Angular, Spring, MySQL, Docker   closed source

  Features:
  ○ Developed a user-friendly system for uploading and sharing documents in a tree-like structure, simplifying access.
  ○ Built an admin panel with visual analytics to track departmental activity and user engagement.

- **Revenue Forecasting Model**   *Jul 2024 - Sep 2024*
  Tools: TensorFlow, Sklearn

  Features:
  ○ Developed machine learning models (ARIMA, XGBoost, LSTM) to accurately predict revenue trends.
  ○ Created an automated email notificatier to implement the models.

- **Digital HR Platform**   *Apr 2024 - Jun 2024*
  Tools: Angular, Spring, RAG, Flask

  Features:
  ○ Designed a user-friendly interface for HR operations with the ability to rank resumes based on desired skills.
  ○ Integrated LLMs to extract valuable information from uploaded documents.

- **Instagram Clone**   *Aug 2023 - Sep 2023*
  Tools: Flutter, Express, MySQL

  Features:
  ○ Built a mobile app with intuitive user interfaces and design elements mirroring Instagram.
  ○ Developed a fully functional back-end supporting all core functionalities.

- **Madinaty App**   *Mar 2022 - Apr 2022*
  Tools: Flutter, Firebase

  Features:
  ○ Created a user-friendly mobile app with seamless browsing and backend connectivity via Firestore and Firebase Storage.

- **N7FLIX Streaming App**   *Dec 2023*
  Tools: JavaFX, MySQL

  Features:
  ○ Developed a streaming interface with sorting and search functionalities similar to Netflix.
  ○ Implemented a basic recommender algorithm using cosine similarity.

- **Chess Game**   *Jun 2023*
  Tools: C#, Unity, Blender

  Features:
  ○ Designed a two-player chess game with realistic wood textures for an immersive experience.

- **E-commerce WebApp**   *Jun 2021*
  Tools: Flask, SQLite

  Features:
  ○ Developed a simple yet efficient e-commerce platform with user-friendly design and session management.
  ○ Integrated SQLite for item and session storage.