TAMIM Yassine

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2nd year Engineering Student seeking an internship in Data Science/Analysis

EDUCATION

Ecole Centrale Casablanca   **Casablanca, Morocco**
Engineering Degree   2022-2025
- **Majors:** Probability & statistics, Mathematics, Markov chain & Monte Carlo, Stochastic Process, Optimization, Graph Theory, Computer science, Object-Oriented Programming.

Ibn Abdoun High School   **Khouribga, Morocco**
Preparatory Classes, MPSI-MP   2020 – 2022
- Two years undergraduate intensive course in mathematics, physics, and computer science to prepare the entry of the best Moroccan and French engineering schools. Ranked 157/2500 in the CNC exam.

WORK EXPERIENCE

PROINSUR-Tanger   **Casablanca, Morocco**
Inventory Management System Development   Novembre 2023 – February 2023
- Collaborated with PROINSUR to design and implement an advanced system, enhancing efficiency in tracking and managing company inventory.
- Led the development effort, utilizing Django for backend development and MySQL for the database, ensuring scalability and efficiency in the Inventory Management System for PROINSUR.

OCP Group   **Khouribga, Morocco**
Internship: Implementation of a Web Management System for HR   July 2023 –September 2023
- Conducted a thorough analysis of HR workflows, identifying inefficiencies and pain points, and designed the system to address these issues effectively.
- Spearheaded the development and implementation of a robust and scalable web-based Human Resources Management System (HRMS) aimed at optimizing internal processes within the organization.
- Utilized modern web development technologies, including HTML, CSS, JavaScript, and Django framework, to create a dynamic and interactive platform.

Mathematics Tutor   **Casablanca, Morocco**
Private Tutoring for Students   October 2022 – June 2023
- Created special lessons and practice materials to strengthen basic math skills and improve problem-solving.
- Personalized tutoring sessions for high school students in mathematics.

ACADEMIC PROJECTS

- **Handwritten Recognition using OCR and CNNs**: Cowrote a research article on refining segmentation algorithms and leveraging advanced machine learning for a more robust OCR system tailored to medical prescription complexities.
- **BERT-Powered Legal Text Analysis System**: Contributed to the creation of a legal analysis tool leveraging the BERT (Bidirectional Encoder Representations from Transformers) model. Specifically tailored for commercial law applications, resulting in the optimization of legal processes.
- **Coursera IBM Data Science Specialization**: Attained expertise in Data Science, Data Mining, Python programming, AI development, data visualization, data analysis, SQL usage, and machine learning applications through completion of specialized courses,

SKILLS, ACTIVITIES & INTERESTS

Languages: Native in Arabic, Fluent in French (DALF C1), Professional proficiency in English (TOEIC C1)

IT skills: Python (Numpy, Pandas, Scipy, Pytorch, Tensorflow, Seaborn, Matplotlib), R, Git, Website Development, Database Management (MySQL, SQLite)

Activities: ADPL Workshops (Atelier de Développement Personnel et Leadership), Participated in Conferences and Hackathons: Enhanced knowledge and developed innovative problem-solving skills.