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Object : **Application for End-of-Studies Internship**

Dear Human Resources Manager,

I am currently a student pursuing a degree in **Data Science** and am looking forward to applying my knowledge and skills in this field through an internship opportunity. My educational journey began at the Institute of Preparatory Studies for Engineers (El Manar), which is part of Tunis El Manar University. After my success in the national entrance exam for **Engineering** studies, i've entered my current school, the National School of Advanced Sciences and Technologies, which is a collaboration between the University of Carthage and the **University of Tsukuba** as part of a Tunisian-Japanese education and innovation project, Recently accredited by the **European Accreditation Program of Engineering**, Our school has been recently awarded the european label **EUR-ACE®**. I've completed an online education program certified by **Stanford University**.

My academic path has equipped me with profound skills in **applied mathematics probabilities**, and **statistics**, which I later merged with computer science fundamentals notably **data structures**, **algorithms** and **shell scripting**. This fusion allowed me to develop handcrafted **Machine Learning** and **NLP** models, conduct comprehensive **statistical analysis** and **Data Visualisation**, culminating in **end-to-end ML** solutions deployed seamlessly on **cloud platforms** commonly known as "Machine Learning Operations (**MLOps**)". My internships offered me the opportunity to enhance my foundational skills with **Software Engineering** expertise, allowing me to delve into **SQL** and **Web-backend development** fundamentals. This experience culminated in the development of **APIs**, seamlessly integrated with **DataBases**, while utilizing innovative **DevOps** methodologies.

One of my standout skills is leveraging **Generative AI** through **Prompt Engineering** techniques to guide Large Language Models (**LLM**) in developing sophisticated software applications. This expertise, combined with a deep understanding of **LLM Reasoning** enhances my ability to build advanced systems such as Retrieval Augmented Generation (**RAG**)-based solutions Monitored by Autonomous **LLM Agents** for self Decision-making and effective task execution, adding a unique dimension to my technical repertoire.

I am eager to bring my unique blend of skills and experiences to your team, contributing positively to projects and driving innovation. Thank you for considering my application. I look forward to the opportunity to discuss how I can contribute to your organization's success.

Sincerely,  
Tlili Skander.

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