Mory Gharasuie March 23, 2025

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Rocket Lawyer,

Howard St, San Francisco, CA 94105

**Dear Hiring Team,**

I am writing to express my enthusiastic interest in the AI/ML Software Engineering Intern position at Rocket Lawyer. With my background in machine learning, generative AI, and software development, I am confident I possess the skills and passion to contribute meaningfully to your Rocket Copilot team.

Currently pursuing research at Old Dominion University, I have been actively involved in developing applications leveraging Machine Learning, Deep Learning, most recently LLMs and generative AI. My experience includes working with tabular data, addressing challenges like class imbalance, and applying semi-supervised learning techniques in research projects.

My projects align well with the requirements of this internship. I have hands-on experience with:

* **Large Language Models (LLMs):** My "Large Language Models" repository on GitHub showcases my work with retrieval-augmented generation (RAG) systems, embedding models, prompt engineering, and fine-tuning LLMs using HuggingFace, PyTorch, LangChain, and OpenAI APIs.
* **Machine Learning Frameworks:** I have extensive experience with TensorFlow, PyTorch, and Scikit-learn, as demonstrated in my "Data Science and Machine Learning Projects" repository, where I address data science challenges suitable for beginner to intermediate levels.
* **Python Programming:** I possess strong programming skills in Python, crucial for assisting in prompting, evaluating, fine-tuning, and maintaining LLMs. My "Pricer" project (my Github showcase), involving an agentic LLM for price estimation, utilizes LangChain, ChromaDB (vector embedding), and BeautifulSoup.
* **Backend Development:** I have experience developing web applications using Flask, developing websites for small and medium-sized enterprises.

I am continuously improving my skills in chatbots and LLM applications by studying recent advancements and implementing them to have hands-on experience, as I am passionate about pursuing a career in AI and LLM applications.

I am eager to learn more about generative AI and machine learning trends and am particularly drawn to the opportunity to integrate AI into user-facing products. My collaboration at Medical Aid involved developing a chatbot using LLMs and retrieval-augmented generation, extracting medical data, and presenting results, which provided valuable experience in a real-world application of AI.

Thank you for considering my application. I am excited by the opportunity at Rocket Lawyer , and I look forward to further discussing how my background can drive success in this internship role.

Sincerely

Mory Gharasuie