Mory Gharasuie Mar 12, 2025

mmoha014@odu.edu 📞 +1 757 287 1602

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Dear Hiring Team,

I am eager to join **Omega Medical Imaging** this summer as an **AI Integration & Data Tools Intern**. As a PhD candidate in Computer Science at Old Dominion University, my work revolves around Python-based data pipelines and large-language-model (LLM) applications—skills that align directly with your need to connect databases, servers, and AI platforms for advanced interventional X-ray systems. In recent projects, I have scripted data-ingestion and preprocessing workflows, fine-tuned Llama-based models with **Hugging Face** and **LangChain**, and built lightweight web front-ends in Flask/HTML to capture and display real-time results.

My “**Large Language Models**” repository demonstrates hands-on experience integrating RAG pipelines with OpenAI APIs, while the **“Pricer (Agentic LLM)”** project combines Python, JavaScript, and a Gradio UI to collect user input and deliver AI-generated insights—paralleling your goal of a mobile-friendly portal for geotagging, image capture, and data logging. These projects underscore my ability to translate complex AI techniques into reliable, user-focused tools. Additionally, collaboration on a clinical chatbot for **medical data extraction** has given me familiarity with healthcare workflows and the importance of data accuracy and security.

I am drawn to OMI’s mission of marrying AI with real-time imaging to improve patient outcomes. Your commitment to “building the tools that make AI real—today” perfectly matches my passion for transforming research into production-ready solutions. I am confident that my scripting proficiency, LLM integration experience, and enthusiasm for healthcare technology will allow me to make immediate, tangible contributions to your team.

Thank you for considering my application. I look forward to the opportunity to discuss how my background can help accelerate AI innovation at Omega Medical Imaging

**Mory Gharasuie**  
Norfolk, VA, USA  
mmoha014@odu.edu | +1 757 287 1602  
[LinkedIn](https://www.linkedin.com/in/mory-gharasui-53415258/) | [GitHub](https://github.com/mortezamg63)