Greetings,

I am writing to express my interest in the internship opportunities in **Generative AI, AI, and Data Science Internship opportunitie**s. With a strong foundation in data science and a passion for leveraging advanced technologies to solve real-world problems, I am excited about the opportunity to contribute to your innovative team.

Currently, I am pursuing a degree in Data Science at DePaul University, where I also work as a Research Assistant. In this role, I have conducted pioneering research using **Transformers and Large Language Models (LLMs**) to enhance the detection of software vulnerabilities. This research integrates Explainable AI, which improves the clarity and accountability of our findings. I have also **fine-tuned language models** and applied Natural Language Processing (NLP) techniques to extract insights from scientific literature, significantly boosting data processing efficiency.

My professional experience as a Data Scientist at DePaul's iD Lab has further strengthened my skills. I am currently developing a cutting-edge FinTech AI platform tha**t utilizes LLMs** and **Retrieval Augmented Generation (RAG)** to provide personalized investment recommendations. This project has been recognized for its potential to optimize investor outcomes and demonstrates my ability to apply complex AI concepts in practical scenarios.

Prior to my current role, I served as a S**enior AI Engineer** at KPIT Technologies, where I optimized AI training processes, enhancing processing speeds by 40%. I also focused on integrating **Explainable AI** techniques into our models, ensuring transparency and reliability, which is crucial for stakeholder trust.

In addition to my technical skills, I am proficient in Python, PyTorch, TensorFlow, and various machine learning techniques, including **CNNs, RNNs, and LSTMs**. My background includes designing **machine learning pipelines** for banking clients and developing models for image recognition during my internship at Turnkey Learning.

I am excited about the prospect of applying my skills and experience. where I hope to contribute to projects that push the boundaries of AI and data science. Thank you for considering my application. I look forward to the opportunity to discuss how I can add value to your team.

Warm regards,
Sameer Shaik
https://www.linkedin.com/in/sameershaik65/