19 February 2024

Dear Hiring Manager, University Recruiter, Scale AI,

As someone who truly believes that AI is the future of productivity and streamlining processes, I am thrilled to apply to Scale, which has been at the forefront of transforming industries through AI! After thoroughly reading the job description, I realized the immense overlap between my skills and knowledge and what you guys are looking for in a potential ML Engineer.

To elaborate, I am a second-year master's student at UCSD majoring in Computer science. I have had almost 5 years of Software Engineering work in coursework, projects, and internships. Apart from learning Salsa, my most recent endeavour is playing around with Large Language models and seeing if they can help understand the behaviour of classical risk models, particularly in the medical field.

Further, Interning the past 4 summers, I have developed robust data structures, neural networks, and database management skills along with my strong problem-solving skills, project management, and ability to work in teams, making me an ideal candidate to become an AI Engineer at Scale AI. At Legendary Entertainment, I spearheaded a project that streamlined anomaly detection processes, significantly reducing false positives by leveraging their existing Azure environment and Splunk via Python scripting. Alongside the lead SOC analyst, I also played a pivotal role in laying the groundwork for the creation of the Shared Learning Intelligence Platform (SLIP), an all-knowing custom LLM integrated with various security cloud brokers, which would further help communicate with each other. This experience honed my skills in applying machine learning to improve security systems and user experiences.

My academic and professional experiences have equipped me with a profound understanding of machine learning, from conceptualization to deployment. For instance, my work on the "Inquirable Models" project sought to increase the explainability of medical risk models using large language models, directly aligning with Scale AI's goal of making information more accessible and actionable through AI.

I am captivated by Scale AI's commitment to advancing AI technology and its application across various domains, including computer vision, meta-learning, and NLP. Your mission to accelerate the AI transition across industries resonates with my professional journey and aspirations. My experiences, ranging from developing neural networks and database management systems to hands-on work with LLMs and computer vision projects, equip me to contribute significantly to Scale's diverse and groundbreaking projects.

Thank you for considering my application. I am looking forward to the opportunity to discuss how my background, skills, and enthusiasm can contribute to the innovative projects at Scale AI. I am eager to bring my blend of experience, expertise, and passion for AI to the team and help drive forward the mission of creating documents as powerful as applications. Please feel free to contact me at your convenience by email (jjhaveri@ucsd.edu) or by telephone (+1 858 214 9192).

Best Regards,

Jay Jhaveri