AMAN ZAVERI

647-676-8981 | a2zaveri@uwaterloo.ca | [LinkedIn](#) | [GitHub](#)

Dear Hiring Manager,

I am writing to express my enthusiastic interest in the Research Engineering Intern position at Orbifold AI Inc. Your mission to redefine enterprise data through multimodal AI deeply resonates with my passion for cutting-edge technology and impactful innovation. I am particularly drawn to Orbifold AI's commitment to developing SOTA visual models and optimizing AI-driven data pipelines, as these areas align perfectly with my skills and career aspirations.

My experience in building and optimizing data pipelines makes me a strong fit for this role. For example, I enhanced over 30 data handlers using async queues and lock-free buffers, resulting in a 45% boost in throughput. This demonstrates my ability to design and maintain high-throughput data pipelines, a key responsibility outlined in the job description. Furthermore, I have hands-on experience in multimodal model training. I built a multi-agent LLM system for resume job alignment, which improved match accuracy by 60%. This experience aligns with the need for someone skilled in multimodal model training, specifically within the fields of computer vision and NLP.

The opportunity to contribute to real-world AI innovations with Fortune 500 impact at Orbifold AI is incredibly exciting. I am confident that my skills and experience will allow me to make significant contributions to your team and the future of enterprise AI. I am eager to collaborate with the team and push the boundaries of model optimization.

Aman Zaveri