AMAN ZAVERI

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

Dear Hiring Manager,

I am writing with immense enthusiasm to express my interest in the Robot Learning Intern position at Gritt Robotics Inc. Your groundbreaking work in physical AI, particularly its application in automating outdoor construction, deeply resonates with my passion for developing cutting-edge solutions within robotics and artificial intelligence. The opportunity to contribute to such a forward-thinking company, backed by top VCs and composed of experts from renowned institutions, is genuinely exciting.

My experience in several areas directly aligns with the requirements outlined in the job description. For example, I architected a route-aware fuel optimization widget using Kotlin and Java, enhancing recommendation accuracy by 40% â€" a project that involved rigorous problem-solving and optimization skills. This mirrors the need to optimize training and inference times, as well as the deployment and testing of models in real-world environments. Additionally, my experience in designing a multi-agent LLM system for resume job alignment, improving match accuracy by 60%, demonstrates my ability to create and implement AI-driven solutions that enhance overall efficiency, a crucial asset for this internship.

I am confident that my skills in areas such as imitation learning, reinforcement learning, and my proficiency in Python and PyTorch make me an ideal candidate to contribute meaningfully to your team. I am eager to immerse myself in the challenges of creating physical AI models for precise manipulation and navigation. I am particularly enthusiastic about the prospect of working with multiple sensing modalities and contributing to Gritt Robotics' innovative mission.

Aman Zaveri