Mory Gharasuie April 12, 2025

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Pinterest

California, USA

**Dear Hiring Team,**

Dear Hiring Manager,

I am writing to express my strong interest in the **Machine Learning Intern** position within Pinterest’s Advanced Technology Group. Currently, I am a PhD candidate in Computer Science at Old Dominion University, where my research focuses on machine learning, computer vision, semi-supervised learning, and natural language processing. Through hands-on work with **PyTorch**, **TensorFlow**, and **Scikit-learn**, I have built and deployed end-to-end ML solutions—experience that I believe would translate effectively to creating and refining production-scale systems at Pinterest.

In my role as a Research Assistant, I have tackled a variety of ML projects, including **computer vision for gesture recognition**, **recommendation system prototypes**, and **large language model** experiments with **Retrieval-Augmented Generation**. These explorations have involved data preprocessing, model training, inference, performance tuning, and real-time deployment. I particularly resonate with Pinterest’s emphasis on innovative research and user-centric features—my own academic publications in machine learning (e.g., at PAKDD 2024 and ICKG 2022) highlight the same passion for pushing boundaries and applying data-driven solutions to real-world challenges.

Additionally, my experience collaborating with interdisciplinary teams and guiding labs/recitations as a Teaching Assistant has strengthened my ability to communicate technical findings clearly and propose creative solutions. These skills, alongside my proficiency in **Python**, **C++**, **SQL**, and cloud platforms like **AWS**, would allow me to quickly adapt to Pinterest’s engineering environment and accelerate the development of user-facing features in areas such as **visual search**, **recommendation systems**, and **generative AI**.

Thank you for your time and consideration. I am excited by the opportunity to contribute to Pinterest’s mission of helping millions of people find inspiration and create a life they love. I would welcome the chance to discuss how my background can support the Advanced Technology Group’s vision and future projects.

Sincerely,  
**Mory Gharasuie**  
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