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March 29, 2025

Unknown Company  
Unknown Location

Dear Hiring Manager,

I am writing to express my interest in the Data Scientist, Product Analytics position at Meta. As a seasoned data science professional with a Master's degree in Industrial Engineering & Operational Research from the University of California, Berkeley, and a proven record in e-commerce analytics, I am confident that I can make significant contributions to your team.

My experience as a Data Science Intern at VIP.com, combined with my prior role as a Business Analyst Intern at Amazon, have equipped me with a broad knowledge base and practical ability to lead and execute data-driven projects. I successfully led the integration of the DeepSeek RAG zero-shot classifier at VIP.com, where we achieved an impressive 98% accuracy in predicting return responsibilities using multimodal embeddings and FAISS. This experience underscores my capacity to apply technical expertise with quantitative analysis and data mining to shape product development.

Moreover, my proficiency in forecasting was significantly honed when I engineered a distributed LightGBM forecasting model on AWS SageMaker. This initiative improved forecasting accuracy to 5.2% MAPE, enhancing our ability to make informed demand planning decisions. I am confident that this experience aligns with your requirement for a professional who can define, understand, and test opportunities to improve the product and drive roadmaps through insights and recommendations.

Having followed Meta's journey from its inception as Facebook, I am genuinely thrilled about the opportunity to contribute to the next evolution in social technology. I am particularly drawn to Meta's commitment to immersive experiences like augmented and virtual reality, and I am eager to bring my skills and experience to bear on these exciting initiatives.

In conclusion, I am excited about the prospect of joining Meta and contributing to its vision of shaping the future of people-facing and business-facing products. I look forward to discussing how my background and skills would be a good fit for your team.

Thank you for considering my application.

Sincerely,

Zikai (Kerry) Liu