

**Zikai (Kerry) Liu**

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Dear Hiring Manager,

I am excited to apply for the Data Scientist, Product Analytics position at a Scientist. With a Master of Engineering in Industrial Engineering & Operational Research from the University of California, Berkeley, and hands-on experience in data science and machine learning, I am confident in my ability to contribute significantly to your team.

In my current role as an IEOR Fung Scholar at Berkeley, I have honed my skills in Python, PyTorch, TensorFlow, and other data querying and scripting languages. I have a proven track record in solving complex analytical problems using quantitative approaches and leading data-driven projects from definition to execution. For instance, I led the integration of DeepSeek RAG zero-shot classifier at my previous role as a Data Science Intern at VIP.com, achieving human-level accuracy of 98% in predicting return responsibilities. This accomplishment was a result of my ability to understand ecosystems, user behaviors and long-term product trends.

In another project, I engineered a distributed LightGBM forecasting model on AWS SageMaker, which significantly improved forecasting accuracy to a 5.2% MAPE. This, along with my experience in operational optimization, aligns well with your requirement of understanding and testing opportunities to improve the product.

I am drawn to the Data Scientist, Product Analytics role at a Scientist due to the company's commitment to providing immersive experiences through augmented and virtual reality. I am excited about the opportunity to apply my analytical skills and technical expertise towards creating strategies that serve billions of people and hundreds of millions of businesses. I look forward to the possibility of contributing to the future of digital connection at a Scientist.

I welcome the opportunity to discuss how my skills and experiences align with the needs of the Data Scientist, Product Analytics position. Thank you for considering my application.

Best regards,

Zikai (Kerry) Liu

