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Dear Hiring Manager,

I am writing to apply for the Data Scientist position at ReliaQuest, a role I discovered while researching opportunities that align with my passion for cybersecurity and data analytics. As a graduate of the University of California, Berkeley with a Master's degree in Industrial Engineering & Operational Research, I bring a strong academic foundation, coupled with practical experience in data analysis and machine learning.

During my tenure as a Data Science Intern at VIP.com, I led the integration of the DeepSeek RAG zero-shot classifier, which achieved human-level accuracy (98%) in predicting return responsibilities. This project not only required extensive use of Python, TensorFlow, and AWS - skills that you specifically mentioned, but also a deep understanding of data security principles to ensure the protection of sensitive information.

In addition to my experience at VIP.com, as a Graduate Teaching Assistant at Berkeley, I have honed my abilities in data visualization using Power BI and developed a command over SQL. I engineered a distributed LightGBM forecasting model on AWS SageMaker, improving forecasting accuracy to a 5.2% MAPE. This endeavour required constant collaboration with engineers and even automation of data processes, tasks that are integral to the role at ReliaQuest.

What attracts me to ReliaQuest is not just the opportunity to apply my skills in a new context, but also your company's commitment to enhancing cybersecurity operations. I am excited about the idea of developing data models that can help your team thwart potential cyber threats more effectively.

I am confident that my background in data science, coupled with my passion for cybersecurity, makes me a strong candidate for this role. I would love the opportunity to further discuss how my skills and experiences can benefit the team at ReliaQuest. Please feel free to contact me at zikailiu@berkeley.edu or 650-613-8398 at your earliest convenience.

Thank you for considering my application.

Sincerely,

Zikai (Kerry) Liu