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Recipient:
Brain & AI Team

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Cover Letter,

Dear Hiring Manager,

I am writing to express my interest in the Customer Engineer, AI/ML position at Google Cloud. With a strong background in AI/ML and cloud technologies, I am excited about the opportunity to contribute to Google Cloud's mission of digitally transforming businesses and industries.

In my current role as Founder and AI Engineer at MXAI, I have developed and deployed horizontally scalable AI-powered solutions using Redis, AWS Lambda, and FastAPI, similar to Google Cloud Functions. My experience with RNNs and batch ML systems at my previous company Kuona has equipped me with the skills and visibility necessary to design and implement scalable cloud solutions.

During my master's studies, I developed a custom training algorithm using the extended Kalman filter and gained a deep understanding of nuances of ML training techniques. Besides, coursework, books, projects, and a deep passion for ML and LLMs, has led me to develop cutting edge understanding of modern ML techniques such as Transformers, more generally Graph Neural Networks, Physics Informed Neural Networks and LLMs, as showcased on my GitHub and Hugging Face profiles. I cannot thank enough the authors of books such like "Deep Learning" by Ian Goodfellow and "LLM Engineer's Guideline" by Maxime Labonne et. al. for their contributions to education in Deep Learning and MLOps/LLOps best practices respectively.

As a bilingual professional with a C1 level in English, I have successfully led customer sales meetings and demo presentations at MXAI. I am eager to bring my customer engagement skills to Google Cloud and benefit from the training and structure of a leading tech company.

I am particularly proud of my innovative solutions at Kuona, where I proposed using QLora, for model fine-tuning instead of full retraining, to cut costs and also custom loss functions to improve business KPIs by targeting specific products in forecasts. At Entropía AI, I led the development of RAG pipelines, enhancing QA accuracy benchmarks for legal and academic datasets that were critical for the clients trust and adoption of our solutions.

I am excited about the opportunity to join Google Cloud and contribute to its success by leveraging my expertise in AI/ML and cloud technologies. Thank you for considering my application. I look forward to the possibility of discussing how I can contribute to your team.

Sincerely,

Daniel Iván Parra Verde