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NVIDIA Corporation  
Recruiting / Hiring Committee  
Santa Clara, CA

Dear Hiring Committee,

Everyone tells me that the entry-level machine learning position at any of the big tech firms is going to be the same. However, after attending several career fairs and speaking with over ten different engineers, it has become clear to me that NVIDIA stands out from the rest.

What stood out to me the most was the level of curiosity it took for the company to invest so deeply in an untapped field from the very beginning. Ever since I was little, I have been modding my favorite games and working as a tester for unofficial Android operating systems. It has been a hobby of mine to dissect games to find a problem or to find something in game files or test builds which I could reuse into a new concept. As modding was relatively new at the time, often there were no instructions, which forced me to rely on trial-and-error, pattern recognition and a lot of patience. So naturally, the quirkiness of a company that was not afraid to take risks towards something new was appealing.

I intend to translate this problem-solving ability to other languages – in this case, mathematics – which has contributed to my decision to major as an applied mathematics student at CCNY. As I moved to the country three years ago I've not had any technical experience yet. However, I have focused on building my technical skills independently, exploring problem-solving through mini projects and coursework as well as actively working to strengthen my academic foundation as quickly as possible.

As I continue to grow my skills in applied mathematics and quantitative reasoning, my goal is to contribute to an environment where mathematical, quantitative and creative thinking matters. NVIDIA's focus on building systems that turn mathematical ideas into real, usable technology aligns with how I want to grow as an engineer. NVIDIA's work in accelerated computing, optimization, and AI infrastructure represents exactly the type of environment where I can grow my skills while making a meaningful contribution. By continuing to build my foundation in applied mathematics and quantitative problem-solving, I hope to support projects that translate mathematical theory into real systems, the same kind of impact NVIDIA has achieved across industries.

Thank you very much for taking the time to read this letter and consider my background and goals. I truly appreciate the opportunity to share how my interests and skills align with NVIDIA's mission. I would welcome the chance to learn, grow, and contribute in an environment that values curiosity, experimentation, and disciplined problem-solving. Joining NVIDIA would be a step toward developing into an engineer who can combine mathematics, creativity, and technology to make meaningful contributions.

Sincerely,  
Ocean