

Dear Multiverse Computing Hiring Team,

I am writing to apply for the Quantum Engineer Intern position. I am already a quantum software engineer with over a year of hands-on experience, and I want to work at Multiverse Computing specifically because I want to evolve into a consultant — someone who bridges the gap between quantum technology and real industry needs. My ambition is to develop the business side of quantum computing, working directly with companies in finance, energy, manufacturing, and cybersecurity to understand their biggest challenges and map them to practical solutions.

In my current role, I lead a small team (up to four people) and introduced a pipeline that boosted simulation speeds by over 10,000 times for complex noise models. I always knew that raw performance is crucial when offering the best solutions to the customer, and this work further strengthened my understanding of customer needs. I also contributed to real-world applications by mapping route-planning task to QUBO form for an oil company, which showed me how even the most intricate operational problems boil down to solvable math and optimization.

Working closely with diverse partners excites me because I see how different industries can transform massive, seemingly impossible tasks through faster and more intelligent computation. Being a consultant means I get to engage with leaders in each field, hear their unique challenges, and help craft solutions that draw upon quantum technology's strengths. I'm eager to provide that link between quantum computing and the concrete business results, and I believe Multiverse's focus on real, industry-driven software solutions is the perfect place to do this.

I'm certain I have the technical depth to succeed in this position as my background in fast simulations, noise modeling, algorithm development and quantum theory aligns well with Multiverse's standards. Now, I want to deepen my client-facing skills, learn from top experts, and shape quantum projects that truly solve core problems. Being at an early stage in my career, I view Multiverse as an excellent environment to grow from a capable engineer into a seasoned consultant.

Thank you for your consideration. I'll be waiting for the opportunity to discuss how my expertise and ambitions can support Multiverse Computing's ongoing success.

Yours faithfully,

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