

[Your Full Name]
[Your Address]
[Your Phone Number]
[Your Email]
[LinkedIn Profile URL]

[Date]

[Hiring Manager Name]
[Title, e.g., Head of Quantum Research]
[Company Name]
[Company Address]

Subject: Inquiry regarding Senior Quantum Computing Engineer opportunities

Dear [Hiring Manager Name],

I am writing to express my strong interest in joining [Company Name]'s quantum computing division. As a Senior Quantum Computing Engineer with [Number] years of experience in [specific area, e.g., superconducting circuits / ion traps / quantum algorithms], I have long admired [Company Name]'s recent breakthroughs in [mention a specific company project or paper].

Currently, at [Current/Previous Company], I lead projects focused on [mention 1-2 technical achievements, e.g., error mitigation strategies, scaling qubit connectivity, or developing full-stack quantum software]. My technical expertise includes:

- Design and optimization of quantum gates and pulse sequences.
- Developing hardware-agnostic compilers and noise-resilient algorithms.
- Proficiency in [Programming Languages/Frameworks, e.g., Qiskit, Cirq, C++, Python].
- Leading cross-functional teams of physicists and software engineers to achieve [specific metric/result].

While I understand you may not have an active opening for this specific role, I believe my background in bridging the gap between theoretical quantum physics and scalable engineering could be a significant asset to your roadmap. I am particularly interested in how [Company Name] is tackling the challenge of [mention a specific industry challenge].

I have attached my CV for your review and would welcome the opportunity to discuss how my expertise in quantum architecture could contribute to your team's future goals.

Thank you for your time and consideration.

Sincerely,

[Your Signature]

[Your Typed Name]