

**[Your Full Name]**

[Your Address]

[Phone Number] | [Email Address]

[LinkedIn Profile / Portfolio Link]

[Date]

[Hiring Manager Name]

[Title]

[Department Name]

[Organization/University Name]

[Address]

Dear [Hiring Manager Name or Search Committee],

I am writing to formally express my interest in the Senior Quantum Research Physicist position at [Organization Name], as advertised. With a PhD in [Specific Physics Field] and [Number] years of post-doctoral and industry experience specializing in [Specific Sub-field, e.g., Superconducting Qubits, Trapped Ions, or Quantum Algorithms], I have dedicated my career to advancing the boundaries of quantum information science.

Throughout my tenure at [Current/Previous Institution], I have led research initiatives focused on [Primary Research Area]. Notably, I [Key Achievement: e.g., improved coherence times by X%, developed a novel error-correction protocol, or published high-impact research in Nature/PRL]. My technical expertise encompasses [List technical skills: e.g., cryogenic systems, microwave engineering, Python/Qiskit, or Hamiltonian simulation], allowing me to bridge the gap between theoretical frameworks and experimental implementation.

Your team's recent work on [Mention a specific project or paper by the organization] aligns perfectly with my research trajectory. I am particularly drawn to [Organization Name] because of your commitment to [Specific Goal, e.g., scaling quantum processors or commercializing quantum sensing]. I am confident that my background in [Secondary Skill, e.g., mentorship of junior researchers or cross-functional collaboration] will contribute significantly to your department's objectives.

Thank you for your time and consideration. I look forward to the possibility of discussing how my expertise in quantum systems can support the innovative research being conducted at [Organization Name].

Sincerely,

[Your Signature (if sending by mail)]

[Your Typed Name]