

[Full Name]
[Current Position/Title]
[Institution/Department]

[Address line 1]
[Address line 2]
[Email Address]
[Phone Number]
[ORCID/Professional Website]

[Date]

[Hiring Manager/Principal Investigator Name]
[Search Committee Chair]
[Department Name]
[University/Research Institute Name]

RE: Application for [Job Title/Reference Number]

Dear [Dr./Professor/Selection Committee],

[Introductory paragraph regarding your interest in the position and your current research focus in experimental quantum physics.]

[Detailed paragraph highlighting specific technical expertise: e.g., cryogenics, vacuum systems, laser cooling, ion traps, superconducting circuits, or photonics. Mention specific experimental achievements and data analysis methodologies.]

[Paragraph discussing your publication record, collaborative efforts within large-scale quantum initiatives, and any hardware/software development relevant to quantum information processing or sensing.]

[Paragraph explaining how your research goals align with the laboratory's specific mission and how your background will contribute to current projects such as quantum error correction, entanglement distribution, or coherent control.]

[Closing statement expressing desire for an interview and availability for further discussion.]

Sincerely,

[Full Name]