

[Your Full Name]
[Your Institutional Affiliation]
[Your Email Address]
[Your Phone Number]
[ORCID ID / Personal Website]

[Current Date]

[Hiring Committee Chair / Principal Investigator Name]
[Department Name]
[Institution/Laboratory Name]
[Physical Address]

RE: Application for [Position Title, e.g., Postdoctoral Research Associate] - [Reference Code]

Dear [Dr./Prof. Last Name],

I am writing to formally express my interest in the [Position Name] position within the [Specific Experiment/Research Group, e.g., ATLAS/CMS/Theory Group] at [Institution], as advertised via [Source]. As a [Current Status] specializing in [Subfield, e.g., High Energy Physics Phenomenology / Experimental Neutrino Physics], my research focuses on [Briefly state core research theme].

During my doctoral/postdoctoral work at [Previous Institution], I contributed significantly to [Specific Project or Experiment]. My primary technical expertise includes [List 2-3 technical skills, e.g., Monte Carlo simulations, hardware instrumentation, FPGA programming, or specific data analysis frameworks like ROOT/RooFit]. Specifically, I developed [Mention a key achievement, such as an algorithm, a published limit on a BSM process, or a detector component calibration].

The research conducted at [Institution] regarding [Specific topic of the host group] aligns perfectly with my background in [Topic]. I am particularly drawn to your group's recent work on [Specific paper or project] and am eager to apply my skills in [Skillset] to help advance the [Experiment Name] collaboration's goals during [Specific upcoming phase, e.g., Run 3 / HL-LHC upgrade].

I have enclosed my curriculum vitae, a statement of research interests, and a list of publications for your review. I look forward to the possibility of discussing how my experience in [Specialty] can contribute to the continued success of the [Research Group Name].

Sincerely,

[Your Signature]

[Your Printed Name]