

[Your Full Name]

[Your Address]

[Phone Number]

[Email Address]

[LinkedIn Profile/Portfolio URL]

[Date]

[Principal Investigator Name]

[Department Name]

[University/Institution Name]

[Building/Office Number]

Dear Dr. [Last Name],

I am writing to express my strong interest in the Chemistry Lab Assistant Research Internship position within the [Name of Laboratory/Research Group] at [University/Institution Name]. As a [Year of Study, e.g., Junior] pursuing a degree in [Major/Field of Study], I have closely followed your work regarding [Mention Specific Research Area/Recent Paper], and I am eager to contribute to your team's ongoing projects.

My academic background has provided me with a solid foundation in [mention 2-3 specific subjects, e.g., Organic Chemistry, Analytical Techniques, and Thermodynamics]. During my laboratory coursework, I have gained hands-on experience with [List 3-4 techniques, e.g., Titration, NMR Spectroscopy, GC-MS, or Solvent Extraction]. I am particularly skilled in maintaining precise documentation and adhering to rigorous safety protocols, which I understand are critical for the integrity of [Principal Investigator's Name]'s research.

Beyond technical skills, I am a dedicated problem-solver with a keen interest in [Specific aspect of the lab's work]. In a previous [Project/Class/Role], I demonstrated my ability to [Briefly mention a soft skill or achievement, e.g., analyze complex datasets or collaborate effectively in a fast-paced environment]. I am confident that my technical proficiency and enthusiasm for [Chemistry sub-field] make me a strong candidate for this internship.

Thank you for your time and for considering my application. I have attached my resume and academic transcripts for your review. I look forward to the possibility of discussing how I can support the research objectives of the [Lab Name] during the upcoming [Term/Semester].

Sincerely,

[Your Signature (if sending by mail)]

[Your Printed Name]