

[Your Full Name]
[Your Address]
[Your Phone Number]
[Your Email Address]
[LinkedIn Profile/Portfolio Link]

[Date]

[Principal Investigator/Lab Manager Name]
[Department Name]
[Institution/University Name]
[City, State, Zip Code]

Dear Dr./Mr./Ms. [Last Name],

I am writing to express my strong interest in the Microbiology Research Internship position at [Lab/Institution Name] for the [Season/Year] term. As a [Year] student pursuing a degree in [Major] at [University Name], I have developed a deep fascination with [Specific Field, e.g., microbial pathogenesis/environmental microbiology] and am eager to contribute to your current work on [Specific Research Topic].

My academic background has provided me with a solid foundation in microbiology, biochemistry, and molecular biology. Through my coursework and previous laboratory experience, I have gained proficiency in several key techniques, including [Technique 1, e.g., aseptic technique], [Technique 2, e.g., PCR/Gel Electrophoresis], and [Technique 3, e.g., microbial culturing]. Notably, during [Specific Project or Lab Class], I successfully [Briefly describe a specific achievement or learned skill].

I am particularly drawn to your lab's recent publication regarding [Recent Research Paper or Topic]. I am eager to apply my analytical skills and attention to detail to help advance your research objectives while gaining professional exposure to a high-level research environment. I am a disciplined researcher who thrives in collaborative settings and is committed to maintaining rigorous laboratory standards.

Thank you for your time and for considering my application. I have attached my CV and academic transcripts for your review. I look forward to the possibility of discussing how my background and enthusiasm for microbiology can support the goals of [Lab Name].

Sincerely,

[Your Signature]

[Your Printed Name]