

[Your Full Name]
[Your Address]
[City, State, Zip Code]
[Phone Number]
[Email Address]
[LinkedIn/GitHub/Portfolio URL]

[Date]

[Principal Investigator Name]
[Laboratory/Department Name]
[Institution Name]
[Institution Address]

Dear Dr. [PI Last Name],

I am writing to express my strong interest in the Computational Biology Research Internship at [Lab Name/Institution], as advertised through [Source]. As a [Current Year] student pursuing a [Degree Name] in [Major, e.g., Bioinformatics, Computer Science, or Molecular Biology] at [University Name], I have developed a keen interest in applying [Specific Computational Technique, e.g., machine learning/genomic sequence analysis] to solve complex biological problems regarding [Specific Biological Area, e.g., oncology or proteomics].

My academic background has provided me with a solid foundation in both [List Relevant Biology Skills, e.g., molecular genetics] and [List Relevant Technical Skills, e.g., Python, R, Bash scripting]. During my previous project on [Project Title/Topic], I successfully [Describe a specific achievement, e.g., developed a pipeline for RNA-seq data analysis or optimized a protein folding algorithm]. This experience refined my ability to handle large-scale biological datasets and reinforced my commitment to [Specific Research Goal of the Lab].

I am particularly drawn to your lab's recent work on [Mention a specific paper or research area of the lab]. I am eager to contribute my technical skills in [Skill 1] and [Skill 2] to your ongoing research while further developing my expertise in [New Skill you hope to learn]. I am a detail-oriented researcher who thrives in interdisciplinary environments where biology and computation intersect.

Thank you for your time and for considering my application. I have attached my CV and [Other Document, e.g., coding portfolio] for your review. I look forward to the possibility of discussing how my background and technical skills can contribute to the innovative research at [Lab Name].

Sincerely,

[Your Printed Name]