

[Your Full Name]

[Your Email Address]

[Your Phone Number]

[LinkedIn Profile / Portfolio / GitHub URL]

[Date]

[Professor's Name]

[Department Name]

[University Name]

Dear Dr. [Professor's Last Name],

I am a [Year, e.g., Sophomore] Computer Science student at [University Name], and I am writing to express my strong interest in joining your research group as an Undergraduate Research Assistant, specifically regarding your work on [Title of Research Project or Lab Name].

My academic background includes coursework in [Relevant Course 1], [Relevant Course 2], and [Relevant Course 3], where I developed a solid foundation in [Specific Skill or Theory]. I am particularly drawn to your recent publication on "[Title of Paper]" because [one sentence explaining your genuine interest in their specific methodology or findings].

Currently, I possess technical proficiency in [Programming Languages, e.g., Python, C++, Java] and experience with [Tools/Frameworks, e.g., PyTorch, Git, Linux]. I recently completed a project where I [briefly describe a relevant project or technical achievement]. I am eager to apply these technical skills to contribute to the data collection, software development, or experimental testing phases of your current research.

I have attached my resume and transcript for your review. I would welcome the opportunity to discuss how my background and enthusiasm for [Research Area] can support your lab's objectives. Thank you for your time and consideration.

Sincerely,

[Your Name]