

[Your Full Name]
[Your Degree/Title] | [Your Specialization/Program]
[City, Country] · your.email@example.com · [Your Phone Number]

September 28, 2026

[Prof./Dr. Recipient Name]
Department or Research Group Name

Faculty or Institution Name

University Name

City, Country

Re: [Title of Position/Vacancy Name and Number]

Dear [Dr./Prof. Recipient Last Name],

I am writing to apply for the [Position Title] in the [Research Group/Department] at [University Name]. This position resonates deeply with both my academic background and my conviction that [mention core guiding motivation/thesis of why this field matters to you]. I believe this project sits at the exact intersection of [Field 1] and [Field 2], and I am genuinely excited by the opportunity to contribute to it.

Why this project motivates me. [Explain why this specific project or lab interests you. Reference specific papers, methodologies, or research directions pursued by the group to show you have read their work and understand their unique approach.]

Mathematical and academic background. I completed my [Degree Name] at [University Name], focusing on [Core Subjects relevant to the position]. My formation covered a broad range of areas directly relevant to your project, including [Skill 1], [Skill 2], and [Skill 3]. [Mention academic distinctions, thesis focus, or key theoretical training that prepares you for the role].

Research experience and technical skills. My research experience includes [Briefly mention key past research, industry internship, or thesis project]. During this work, I [describe a major technical achievement, quantitative result, or responsibility].

Beyond this project, I have worked with [Tool 1], [Tool 2], and [Programming Language], allowing me to bridge the gap between abstract mathematical formulation and computational execution.

Fit with the position structure. [Address how your working style, collaboration experience, or career trajectory fits the expectations of the advertised position, whether it involves independent research, collaborative teamwork, or specific project milestones.]

Closing. I am highly motivated to pursue [a PhD / a postdoc / research] at the intersection of [Field A] and [Field B], and I believe your group at [University Name] is the ideal environment for this work. I would welcome the opportunity to discuss the project further.

Thank you very much for your time and consideration.

Sincerely,

[Your Full Name]

your.email@example.com · [Your Phone Number]