Why do you want to work at [[Company]]?

First of all, [[Company]] is a fast-paced startup trying to push further the boundaries of AI. Therefore, I feel that they require creative people who can acquire knowledge quickly. I am a person who enjoys playing around with new tools and doing side projects. I find that [[Company]] has the perfect ecosystem for discussing ideas and developing new projects. I feel drawn to the idea of collaborative research, which is a mainstay in the research values of [[Company]]. During my Master's, I have had the pleasure to work in several research projects including a project with Eduardo Sanchez, research fellow at Meta, where we studied interchangeability of finetuning and model pruning from a structural viewpoint. I appreciated how that collaborative project allowed each member to include their unique perspectives, resulting in a more creative outcome.

Additionally, [[Company]]'s emphasis on security and reliability of AI closely aligns with my interests. During my course and especially in the internship, I learned the importance of building models that output truthful information and are resilient against adversarial attacks. Hence, I would really love to join the [[Company]] family and contribute to the vast number of papers published, particularly in areas related to model alignment, interpretability and fine tuning. As a graduate student in Machine Learning with two bachelor's in mathematics and computer science, I believe that I can easily bridge the gap between the implementation side and the research universe.

What are you looking for in a role?

I'm seeking a dynamic startup that wants to disrupt industries with cutting-edge deep learning applications. I am interested in collaborative environments, where knowledge sharing, continuous learning and creating innovative projects is the norm. What excites me is being an part of the decision-making process, where my insights and opinions are valued and contribute to shaping the company's direction.
I'm looking for opportunities that challenge me intellectually and allow me to grow. Roles that involve repetitive, unchallenging tasks would not be a good fit for me. I want a position that engages my problem-solving abilities and pushes me to think creatively,

Cover Letter example:

Dear Hiring Manager,

I am writing to express my interest in the Research Scientist / Machine Learning Engineer position at [[Company]]. Currently, I am finishing my Master's degree in Machine Learning at University College London. Prior to this, I worked as a software engineer applying research papers to the financial industry. Additionally, I finished a Bachelor in Mathematics and a Bachelor in Computer Engineering in four years instead of the usual 5 years. I was drawn to this opportunity with [[Company]] because of my interest in bridging the gap between state of the art research and real world applications.

(Here we must include specific job projects that relate to our past experience)
Throughout my experience, I have been able to work with multiple deep learning architectures and specialize in uncertainty quantification techniques. On the side, I have investigated SLAM and object detection techniques, and I am passionate about contributing to the development of the autonomous car industry. I am constantly seeking opportunities to expand my knowledge, develop innovative ideas, and engage in collaborative research projects. I eagerly welcome the chance to join your mission of becoming the world's most trusted driver.

Thank you for considering my application. I look forward to the opportunity to discuss how my skills and experiences align with the needs of your team.

Best Regards,
Alvaro Fernandez