# ANDI ZHOU

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Dear the Zipline Recruitment Team,

I imagine you might find a few aspects of my resume rather intriguing: a blend of aerospace education with automotive experiences, and now applying to Zipline as an Applied Aerodynamic Intern?

From a young age, I aspired to be an aerospace engineer. This dream led me to obtain my pilot's license at 18 and relocate from Canada to the U.S. to further my aerospace studies. I rose to be a project lead for the university rocketry team, MASA, and later interned at Solar Ship, a Canadian aerospace start-up with a mission strikingly similar to Zipline's: creating solar-electric airships for disaster relief in Africa's remote areas. Despite the company's modest size and our operations in an "abandoned" hangar, the energy I felt around me, the fact that everyone believes in helping to make the world a better place, still lingers within me to this day.

Fast forward one year, I had the pleasure of interning at Zoox, a self-driving company that illustrated to me the future of electric and autonomous transportation. The infectious vision of the company made me truly believe that mankind's future lies in autonomy. While autonomous cars hold promise, they change only a small portion of the world. I yearn for an opportunity with more global impact, one that combines my passion in aerospace and autonomy, and my ultimate goal for the betterment of the world. And here I am at Zipline.

I believe my skill in piloting an aircraft, combined with the engineering leadership and hands-on testing experience from my previous internships and project team, would make me an asset to the team.

During my time at Solar Ship, I took on dual roles: as a mechanical engineer intern and a drone test pilot. I flew an experimental 3-meter diameter airship and worked collaboratively with fellow engineers to establish rigorous testing protocols, maximizing safety for all personnel. As an Aerothermal CFD lead at MASA, I led a 12-member team in designing, manufacturing, and testing high-performance rocket fins, conducted both low and high fidelity CFD studies, and tested the finished prototype in a 5' by 7' wind tunnel.

Drone delivery, in my opinion, is an underappreciated field. It might not land rockets like SpaceX, but it holds one of the biggest potentials in shaping our future. Whether it be an emergency medical drop in Rwanda, or an instant package delivery from the air, the potential logistical value that drones could provide is unimaginable. With the FAA's recent approval for Zipline's beyond-the-line-of-sight deliveries, we're on the cusp of a transformative era. I am eager to contribute to Zipline's journey at this pinnacle of time.

Thank you for your consideration and looking forward to hearing from the team!

Andi Zhou