

Jordan T. Mitchell

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Acme Corporation

RE: Entry Level Aerospace Engineer

Dear Hiring Manager,

I am writing to express my enthusiasm for the Entry Level Aerospace Engineer position at Acme Corporation, which I discovered on your careers page. As a recent graduate with a Bachelor's degree in Aerospace Engineering from the University of Maryland, I am eager to bring my academic background and hands-on project experience to your esteemed team.

During my time at university, I had the opportunity to work on a senior design project that involved the development of a small satellite prototype aimed at low Earth orbit deployment. My role was to conduct aerodynamic simulations using ANSYS Fluent, which resulted in a 20% improvement in lift-to-drag ratio compared to our initial design. This experience not only honed my technical skills but also taught me the importance of teamwork and effective communication in achieving project goals. Additionally, I completed an internship at AeroDynamics Inc., where I assisted in the structural analysis of aircraft components. My contributions led to the identification of critical stress points that enhanced the safety and performance of the design, ultimately saving the company valuable time and resources.

I am particularly drawn to Acme Corporation due to your commitment to innovation and sustainability in aerospace technology. I am excited about the possibility of contributing to projects that push the boundaries of aerospace engineering while emphasizing environmental responsibility. I would greatly appreciate the opportunity to discuss how my background, skills, and enthusiasm align with the goals of your team. Thank you for considering my application. I look forward to the possibility of discussing this exciting opportunity with you.

Sincerely,

Jordan T. Mitchell