

Sophia Thompson

January 16, 2026

Acme Corporation

RE: Internship Aerospace Engineer

Dear Hiring Manager,

I am writing to express my enthusiasm for the Internship Aerospace Engineer position at Acme Corporation, as advertised on your careers page. With a strong passion for aerospace innovation and a solid foundation in engineering principles, I am excited about the opportunity to contribute to your team and further develop my skills within an esteemed organization like yours.

During my studies at the University of Michigan, I had the opportunity to work on a team project that involved designing a small satellite prototype. My role focused on the structural analysis of the satellite's frame, where I utilized software such as ANSYS and SolidWorks to ensure optimal strength-to-weight ratios. This project not only honed my technical skills but also reinforced my ability to collaborate effectively under tight deadlines. Additionally, I interned at a local aerospace startup where I assisted in developing a drone for delivery services. I contributed to the aerodynamic testing phase, which led to a 15% increase in efficiency based on our simulations.

I am particularly drawn to Acme Corporation's commitment to pushing the boundaries of aerospace technology, and I believe my proactive approach and hands-on experience will allow me to make a meaningful contribution to your projects. I welcome the chance to further discuss how my background, skills, and enthusiasms align with the goals of your engineering team. Thank you for considering my application; I look forward to the possibility of working together.

Sincerely,

Sophia Thompson