

Emily Johnson

January 16, 2026

Acme Corporation

RE: Internship Manufacturing Engineer

Dear Hiring Manager,

I am excited to apply for the Internship Manufacturing Engineer position at Acme Corporation, which I discovered on your careers page. With a strong background in mechanical engineering and a passion for optimizing manufacturing processes, I am eager to contribute to your team and learn from the innovative projects at Acme Corporation.

During my time at university, I had the opportunity to lead a team project where we successfully re-designed a component of a manufacturing line, resulting in a 15% increase in efficiency. By applying principles of lean manufacturing and conducting thorough analysis, we identified bottlenecks and implemented solutions that not only improved production speed but also reduced waste. This experience has equipped me with a solid foundation in engineering principles and the importance of teamwork in achieving project goals. Additionally, I completed an internship at XYZ Manufacturing, where I assisted in the development of a new quality control system that decreased defect rates by 20%. This hands-on experience taught me how to apply theoretical knowledge to real-world challenges, giving me confidence in my ability to contribute to Acme's commitment to quality and innovation.

I am particularly drawn to Acme Corporation's reputation for pioneering advancements in manufacturing technologies, and I believe my background in process optimization aligns perfectly with your objectives. I am eager to bring my problem-solving skills and engineering knowledge to your team while further developing my understanding of the manufacturing industry. I would appreciate the opportunity to discuss how I can contribute to the ongoing success of Acme Corporation, and I look forward to the possibility of an interview. Thank you for considering my application.

Sincerely,

Emily Johnson