

# Jordan Taylor

January 16, 2026

Acme Corporation

RE: Entry Level Process Engineer

Dear Hiring Manager,

I am writing to express my enthusiasm for the Entry Level Process Engineer position at Acme Corporation as advertised on your careers page. With a strong academic background in chemical engineering and a passion for optimizing industrial processes, I am excited about the opportunity to contribute to your team and help drive efficiency and innovation.

During my time at the University of Michigan, I completed a senior design project focused on optimizing a distillation column used in the petrochemical industry. By implementing process simulations using Aspen Plus, my team and I reduced energy consumption by 15%, which not only improved the overall efficiency but also played a crucial role in minimizing the environmental impact of the operation. Additionally, I interned at XYZ Manufacturing, where I assisted in the design and implementation of a new quality control protocol that decreased product defects by 20% within the first three months. These experiences have equipped me with the analytical and problem-solving skills necessary for a successful career in process engineering.

I am particularly drawn to Acme Corporation due to its commitment to sustainability and innovation in process engineering. I am eager to bring my knowledge of process optimization and quality improvement to your esteemed company. I am confident that my proactive approach and dedication to creating efficient processes align well with the values at Acme Corporation.

I look forward to the possibility of discussing how my background, skills, and enthusiasms align with the goals of your engineering team. Thank you for considering my application. I hope to speak with you soon.

Sincerely,

Jordan Taylor