

Jordan A. Thompson

January 16, 2026

Acme Corporation

RE: Internship Automation Controls Engineer

Dear Hiring Manager,

I am excited to apply for the Internship Automation Controls Engineer position at Acme Corporation, as advertised on your careers page. With a strong foundation in automation systems and a passion for innovative engineering solutions, I am eager to contribute to your team while further developing my skills in this dynamic field.

During my recent academic project at State University, I successfully led a team of four in the design and implementation of an automated control system for a model manufacturing line. We utilized PLC programming and HMI design to create a user-friendly interface that improved operational efficiency by 25%. This experience not only enhanced my technical skills but also taught me the importance of collaboration and communication in engineering projects.

Additionally, my internship at Tech Innovations allowed me to work alongside senior engineers on an industrial automation project. I assisted in troubleshooting and optimizing existing control systems, which resulted in a 15% reduction in downtime through effective predictive maintenance strategies. This experience reinforced my analytical skills and deepened my understanding of automation protocols, including Modbus and Ethernet/IP.

I am particularly drawn to Acme Corporation because of your dedication to advancing automation technologies and your commitment to sustainability. I would love the opportunity to discuss how my background, skills, and enthusiasm can contribute to your innovative projects. Thank you for considering my application. I look forward to the possibility of discussing this exciting opportunity with you.

Sincerely,

Jordan A. Thompson