

# Jordan Smith

January 16, 2026

Acme Corporation

RE: No Experience Embedded Systems Engineer

Dear Hiring Manager,

I am excited to submit my application for the No Experience Embedded Systems Engineer position at Acme Corporation, which I discovered on your careers page. With a solid foundation in electronics and programming acquired through my academic journey and personal projects, I am eager to bring my enthusiasm for embedded systems and problem-solving skills to your innovative team.

During my final year at university, I successfully completed a capstone project where I designed and implemented a temperature control system using an Arduino microcontroller. This project not only honed my programming skills in C/C++ but also familiarized me with various sensors and actuators, enhancing my practical knowledge of embedded systems. Additionally, I led a team of three students in developing an automated plant watering system that utilized soil moisture sensors to optimize water usage. This experience taught me the importance of collaborative engineering and reinforced my ability to adapt to new challenges in real-time environments.

I am particularly drawn to Acme Corporation's commitment to innovation in embedded technologies and your focus on developing sustainable solutions. I am eager to contribute to your projects and further develop my skills in a professional setting. I would appreciate the opportunity to discuss how my background, passion, and drive can align with the goals of your team. Thank you for considering my application; I look forward to the possibility of discussing my candidacy further.

Sincerely,

Jordan Smith