

Dr. Emily Carter

January 16, 2026

Acme Corporation

RE: Career Change Physicist

Dear Hiring Manager,

I am writing to express my enthusiasm for the Career Change Physicist position at Acme Corporation, as advertised on LinkedIn. With a solid foundation in physics and a passion for innovative problem-solving, I am excited about the opportunity to contribute to your team and apply my analytical skills in a new context.

In my previous role as a Research Scientist at Quantum Dynamics, I led a project that focused on the application of quantum mechanics to optimize energy consumption in industrial processes. By implementing a novel algorithm, my team achieved a 25% reduction in energy usage, resulting in significant cost savings for our clients. Additionally, I have experience working collaboratively with interdisciplinary teams, where I helped bridge the gap between theoretical physics and practical engineering solutions. This collaboration culminated in a published paper on the practical applications of superconductivity in transport systems, showcasing my ability to translate complex scientific concepts into actionable strategies.

I am particularly drawn to the Career Change Physicist role at Acme Corporation due to your commitment to leveraging cutting-edge research to drive technological advancements in the industry. I am eager to bring my unique perspective as a physicist to your innovative projects and contribute to the success of your team. I welcome the opportunity to discuss how my background, along with my strong analytical and project management skills, can align with the goals of Acme Corporation.

Thank you for considering my application. I look forward to the possibility of discussing this exciting opportunity further and how I can contribute to your esteemed organization.

Sincerely,

Dr. Emily Carter