

# Jordan Thompson

January 16, 2026

Acme Corporation

RE: Deep Learning Engineer

Dear Hiring Manager,

I am excited to apply for the Deep Learning Engineer position at Acme Corporation, as advertised on LinkedIn. With a strong background in artificial intelligence and a passion for developing innovative deep learning solutions, I am eager to contribute to your team and help drive advancements in machine learning technologies.

In my previous role at Tech Innovations, I spearheaded a project that implemented a convolutional neural network for image recognition. This system improved accuracy rates by 30% compared to previous models and significantly reduced processing times. Additionally, I designed a generative adversarial network that produced high-quality synthetic data for training purposes, addressing the challenge of data scarcity in our projects. This initiative not only enhanced our model's performance but also accelerated the development cycle by 25%.

Furthermore, during my recent internship at Neural Dynamics, I collaborated with a cross-functional team to optimize a natural language processing application that increased user engagement by 40%. My responsibility was to fine-tune the model's hyperparameters and enhance its understanding of context, which resulted in more relevant responses for users. This experience reinforced my ability to work in a fast-paced environment while effectively communicating technical concepts to non-technical stakeholders.

I am particularly drawn to Acme Corporation's commitment to pushing the boundaries of AI technology, and I am excited about the opportunity to contribute my expertise in deep learning. I would love the chance to discuss how my skills and experiences align with the needs of your team. Thank you for considering my application.

Sincerely,

Jordan Thompson