

# Jordan Alexander Smith

January 16, 2026

Acme Corporation

RE: Machine Learning Engineer

Dear Hiring Manager,

I am excited to apply for the Machine Learning Engineer position at Acme Corporation, as advertised on LinkedIn. With a strong background in data science and a passion for developing innovative machine learning solutions, I believe I would be an excellent fit for your team. Acme Corporation's commitment to leveraging AI to drive impactful business decisions aligns perfectly with my career aspirations and values.

In my previous role at Tech Innovations Inc., I led a project that developed a predictive analytics model for customer churn, which successfully reduced attrition by 20% over six months. By utilizing advanced machine learning algorithms, including Random Forest and Gradient Boosting, I was able to identify key factors influencing customer retention, ultimately providing actionable insights that boosted our client's revenue. Additionally, I implemented a neural network for real-time fraud detection that decreased false positives by 30%, enhancing the overall efficiency of the system. These experiences have equipped me with a solid foundation in both supervised and unsupervised learning, as well as proficiency in Python and TensorFlow.

I am particularly drawn to the collaborative culture at Acme Corporation, where innovative ideas are encouraged and technology is at the forefront of business strategies. I am eager to bring my skills in machine learning and data analysis to your team, contributing to projects that enhance operational efficiencies and create value for customers. I would love the opportunity to discuss how my background, skills, and enthusiasms align with the goals of Acme Corporation. Thank you for considering my application.

Sincerely,

Jordan Alexander Smith