

Jordan Smith

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Acme Corporation

RE: Internship Deep Learning Engineer

Dear Hiring Manager,

I am excited to apply for the Internship Deep Learning Engineer position at Acme Corporation, as advertised on your careers page. With a strong background in artificial intelligence and a passion for deep learning, I am eager to contribute to your innovative team and further develop my skills in this rapidly evolving field.

During my studies at the University of California, Berkeley, I successfully completed a project that involved developing a convolutional neural network (CNN) to classify images in a dataset of over 100,000 labeled photos. This project not only improved my technical skills in TensorFlow and Keras but also honed my ability to work with large datasets and fine-tune model parameters for optimal accuracy. The model achieved a classification accuracy of 95%, which was a significant improvement over existing benchmarks. Additionally, I participated in an internship at XYZ Tech, where I collaborated with a team to enhance a natural language processing (NLP) model that significantly improved user sentiment analysis. By implementing advanced techniques such as transfer learning, we were able to increase the model's performance by 20%, demonstrating my ability to apply deep learning concepts to real-world problems.

I am particularly drawn to Acme Corporation due to your commitment to pushing the boundaries of AI technology. I am excited about the prospect of contributing to projects that have a meaningful impact, and I believe my technical skills and proactive approach make me a strong fit for this internship. I look forward to the opportunity to discuss how I can contribute to your team and help drive your innovative projects forward. Thank you for considering my application.

Sincerely,

Jordan Smith