Adem Mcharek

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Roku
San Jose, California

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Dear Hiring Manager,

I am writing to express my interest in the position at Roku as advertised. With a strong background in artificial intelligence, machine learning, and deep learning, combined with my proficiency in Python programming and experience in developing machine learning models for embedded platforms, I am excited about the opportunity to contribute to Roku's edge machine learning team.

During my role as an AI Research Assistant, I orchestrated complex multi-agent subprojects and developed a CNN in PyTorch for image classification, showcasing my ability to work on cutting-edge AI projects. Furthermore, my experience in computer vision using TensorFlow to develop real-time applications demonstrates my practical skills in implementing machine learning models.

My hands-on experience with cloud services, including Amazon Web Services, and expertise in Docker, SQL, and TensorFlow Lite align well with the requirements at Roku. I am particularly eager about the prospect of working on the edge machine learning pipeline and building innovative machine learning models for new products at Roku.

Adem Mcharek