

# CHAITHRA K. C

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I am excited to apply for the Machine Learning Engineer role at Lotic that I found on LinkedIn. The company's mission on using Machine Learning and AI to enhance individuals' lives through pattern recognition is particularly appealing to me. With over five years of software developer experience and a strong background in data science from my graduate studies, I will be able to make strong contribution to Lotic's data science team.

Through my coursework in Data Science, I broadened my knowledge of machine learning techniques, including supervised and unsupervised models, deep neural networks, and reinforcement learning. During my internship with RSG Media System, I put my knowledge into practice by building a data pipeline using Apache Spark and Python with Databricks and implementing a K-Nearest Neighbor model for entity resolution. This hands-on experience was incredibly valuable and enhanced my skills and understanding of machine learning.

During my tenure as a software developer in the R&D team at Envestnet Yodlee, I had the opportunity to build data quality tools utilizing the latest technologies. Working in a test-driven environment, I am familiar with CI/CD pipelines and had experience developing multi-threaded applications to handle high user traffic and backend tasks. I have worked with various databases including MongoDB, Oracle DB, and Apache Kudu. Additionally, I played a key role in developing a proof-of-concept using Apache Kafka to fulfill a specific project requirement.

In short, I believe my blend of academic background in data science, software development experience, and technical skills, make me an excellent fit for the Machine Learning Engineer position at Lotic. I am eager to bring my passion for machine learning and software engineering to your data science team and contribute to the company's growth and success.

Thank you for considering my application. I look forward to the opportunity to further discuss my qualifications and how I can contribute to your team.