**Cover letter: Data Engineer – Machine Learning**

**Krutheeka Rajkumar**

28th September 2019,

Dear TD recruiting team,

I am excited to have the opportunity to apply for the role of Machine Learning Engineer at TD.

Being from a mechanical engineering background, my exposure to coding was somewhat limited and the means by which I got started was self-learning. I started writing code to make functional websites and not long after that wrote code in Python to solve parts of Naiver Stokes equation and simulate fluid flow in a system. Over the summer I was self-taught in AWS elastic beanstalk to deploy a website I created using Django framework – also self-taught.

Over the last year, I went from never having coded a single line in python to writing over 8 machine learning projects for different purposes (all of which I scored above 85%), ranging from natural language processing to conduct sentiment analysis, to predicting salaries based on education, location, gender, age and more. I'm currently working on personal projects to learn cloud deployment of ML models and in my spare time, also studying up on blockchain.

While I may not have the years of undergraduate coding experience, I have managed to pick up the concepts quickly, create meaningful ML models and produce quality reports, despite the steep learning curve. This is due to two reasons, my genuine interest in the topic, and my desire to be an expert in a field where we are just discovering the potential.

TD has a reputation of being a nurturing and inclusive organization that is employee centric. As your early talent VP Erin Miller told me at the Elevate event, TD grows by helping their employees cultivate their skills. And this is exactly the kind of organization I want to work for as I start my career.

I thank you for this opportunity and if you have any questions, please feel free to contact me at [krutheeka.rajkumar@gmail.com](mailto:krutheeka.rajkumar@gmail.com) or at (647)-549-6432

Best Regards,

Krutheeka Rajkumar.