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Financial Market Data Analytics team

Bank of Canada
234 Wellington St W
Ottawa ON K1A 0G9

Dear Hiring Manager,

I got excited to learn about the opening Data Scientist position with Financial Market Data Analytics team at FMD on LinkedIn. With my Master of Data Science and Economics, four years of working experience managing big data solutions, plus my active engagement to keep current with innovative machine learning developments, I believe that I am a great fit for this position.

I gained valuable working experience interacting with inter-disciplinary teams, thus building positive working relationships to deliver on commitments while working in Emerging Market Division in International Analysis Department at the Bank of Canada. In particular, my team implemented machine learning algorithms to transform millions of news articles into insights on Chinese monetary policies. By focusing on delivering the results, two NLP projects are published as staff working paper at the Bank.

I assisted in organizing relational databases that connects earning information from CRA to EI records while working at Employment and Social Development Canada to help analyze the effectiveness of Employment Insurance programs. More specifically, I acted as a subject matter expert in the areas of data science, big data, incorporation of new technologies with existing infrastructures.

Besides working, I am an enthusiastic go-getter who is always expanding her skill set dealing with various data resources. For instance, by actively joining research project predicting solar magnetic field at the National Research Council, I built predictive analysis on image time-series data. In my free time, I have completed several courses, including HDFS, SQL, and R, to improve my capacities in data ETL.

Deeply, I am convinced that bringing my interpersonal skills to the Financial Market Data Analytics team would allow me to grow with an innovative environment. I am excited to embrace new ways of solving problems and thinking outside the box. Thank you for the time to view my application. I would welcome an interview opportunity at your convenience!

Yours faithfully,

Yu-Hsien Liu

Attached: curriculum vitae