

Yahya Thai

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Kitchener, Ontario
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Hiring Manager
Data Engineer, Manulife Financial
200 Bloor Street East
Toronto, Ontario
M5S 1T8

Dear Hiring Manager,

I am interested in the opportunities in the Data Engineering area at Manulife. Your company's accomplishments have been globally recognized and impactful by benefiting many people's quality of life. This wouldn't be possible without Manulife's team of Data Engineers to develop powerful data tools and visualization software to give big data their meaning. As a passionate student with about 5 years of programming experience and development internship experience at a start-up company, I am confident I can be an excellent asset to your team as a Data Engineer at Manulife Financial.

I am a 3rd year student enrolled in the Honours Computer Science program at Wilfrid Laurier University. My course work has equipped me with knowledge in good practices and strategies in Software Engineering, advanced data structures in Java and C, large data architectures in SQL, Linux Bash and System Programming, etc. For extracurriculars, I have participated in 3 hackathons in 2019 including Hack the North at the University of Waterloo. Our project SpeakNow was a mobile app that can translate conversations between a vocal speaker and an impaired individual using Microsoft Azure API. Our team placed in the top 20 out of 1700 participants and was nominated for a prize for the best use of Sponsor API. As a competitor, I contributed to implementing Microsoft Azure API into our mobile app.

As a Data Scientist in the spring term of 2019 at Gide Analytics Inc. I took the responsibility to analyze, clean, and applied QA testing for the company's raw data pipeline before it is processed by the company's prototype NLP models. I also wrote error reports in detail for the back-end developers to debug product faults and regularly set up meetings that have significantly improved the back-end's development process by roughly 40% faster.

Later during the work term, I was promoted to a Web Developer to be responsible for implementing their own version of the open-source Apache Superset. By following the Agile SCRUM methodology, I was able to meet my deadlines including the development of a working, personalized, and interactive visualization on Apache Superset's Dashboard. Near the end of my work term, I gave a presentation to the executive team about the progress, accomplishments, research and analysis of alternative software, and the vision for the web application's future, which helped solidify my contributions to the team.

With my previous extracurricular and professional experience, I believe I can succeed as a Data Engineer at Manulife Financial. For co-op, I am looking to work for 8 months at the Waterloo office. Thank you for considering my candidacy, I look forward to hearing from you.

Sincerely,

Yahya Thai