

# Yahya Thai

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

Dear Hiring Manager,

I am interested in opportunities in the Software 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 strong and evolving software infrastructure that runs everything behind the scenes to ensure that all software is reliable and efficient. 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 Software Engineer at Manulife Financial.

I am a 3<sup>rd</sup> 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 flutter 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 apply QA testing for the company's raw data pipeline before it was processed by the company's 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 version of the open-source Apache Superset using JavaScript, CSS, SQLite, and React.js. By following the Agile SCRUM methodology using Jira, I was able to meet key 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, 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 Software 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