

# Yahya Thai

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

Dear Hiring Manager,

Many of Manulife's accomplishments have been globally recognized and impactful by benefiting many people's quality of life. This wouldn't be possible without Manulife's security systems to fight against hackers from online theft and protect the users' confidential data. As a passionate student who has about 5 years of programming experience and development internship experience at a start-up company, I am confident I can succeed as a Security 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 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.

One of my side projects was a popular console homebrew program called Swap DRC which can seamlessly redirect graphical gameplay and audio between the Nintendo WiiU gamepad controller and the TV. I was responsible with the implementation of all its many features while the teammate was responsible of all the research. I also wrote the README on GitHub about the program's features and its installation instructions. Lastly, I fixed any bugs from end user feedback and released updated versions of the program with additional features and stability. As a result, I gained experience in low-end development in the C language on a console system environment which is unique from the usual Windows or Linux environment.

As a Web Developer in the spring term of 2019 at Gide Analytics Inc. I took responsibility for implementing their own version of the open-source Apache Superset. By following the Agile SCRUM methodology, I was able to meet deadlines including the development of a stable, personalized, and interactive visualization in 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 am an excellent asset to your team. For co-op, I am looking to work for 8 months at the Waterloo office. Thank you for considering my candidacy for the Security Software Engineer role at Manulife Financial, I look forward to hearing from you.

Sincerely,

Yahya Thai