## **DANIEL LAM**

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Tuesday, January 30th, 2024

Hiring Manager

Intact Financial Corporation

2020 Robert-Bourassa Blvd.

Montreal, Québec H3A 2A5

**Subject: Ingénieur de données - 4 mois Coop/Stage with Intact Financial Corporation**

Dear Ms. Beliveau,

I am writing to express my sincerest interest in filling your open position as Ingénieur de données - 4 mois Coop/Stage at Intact Financial Corporation. As an ambitious and motivated student majoring in Software Engineering at Concordia University and graduate from the Computer Science Technology program at Dawson College, I believe that my knowledge and my experience with front-end development (HTML, CSS, JavaScript, React), server-side development (Node.js, Express.js) and back-end development (MySQL, PostgreSQL, Docker) will prove to be an invaluable asset.

Upon closer examination of your job description, I noticed that your position is very keen on hiring candidates with experience in Java, Python, MongoDB and with great collaboration skills, which is ideal as I have been involved on countless projects with these competencies. In one previous project of a team composed of five developers, I led the team as scrum master and spearheaded the development of DMDB (Dawson Movie Database), a project inspired by IMDB by employing React components from the Mantine library for the frontend and utilizing Node.js with Express.js for the backend. In terms of personal contributions to the project, I aided in the scrapping of large movie datasets to store all the data and attributes that we required to display into a MongoDB database, and I also incorporated a unique method to store large blobs of movie poster images fetched from the TMDb API into a Microsoft Azure’s Blob Storage Service which improved website loading times massively. Other responsibilities included conducting scrum meetings to address project requirements within tight weekly deadlines, aiding my teammates facing coding challenges, and rapidly acquiring proficiency in the technologies our team employed.

In addition to my expertise in the specified technologies, my proficiency in high-level programming languages like JavaScript, C#, and C++ underscores my adaptability to your tech stack and any future technologies Intact Financial Corporation may employ. Finally, I believe that my eagerness to learn and stay updated on emerging technologies further positions me as an ideal candidate for this role.

As such, I would very much like to discuss opportunities with Intact Financial Corporation and would appreciate the opportunity for an interview to elaborate on how my technical skills can benefit your team. Please feel free to contact me at **(514) 826-9869** or via email at [lam.daniel.123@hotmail.com](mailto:lam.daniel.123@hotmail.com) to schedule a meeting.

Thank you for considering my application. I am looking forward to the prospect of meeting with you.

Sincerely,

Daniel Lam