## **DANIEL LAM**

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Thursday, February 1st, 2024

Samantha Burko

DRW Canada Co

1360 Boul Rene-Levesque

Montreal, Québec H3G 2W4

**Subject: Software Developer Intern with DRW Canada Co**

Dear Ms. Burko,

I am writing to express my sincerest interest in filling your open position as a Software Developer Intern at DRW Canada Co. 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 job description is very keen on hiring candidates with experience in developing full stack web applications and in software development skills with various programming languages such as Java, C++, JavaScript, Python and C# which is ideal as I worked on countless projects that demonstrated my experience with these competencies. In a previous C# project, I simulated the interaction between a flock of sparrows and a predatory raven. My responsibilities encompassed coding the class logic for the Raven and Flock models, configuring the MonoGame framework for user-friendly interfaces, input management and sound effects. Furthermore, I also implemented the MSTest framework for comprehensive unit testing, ensuring the accuracy of any operations applied to the models.

As for my experience with full stack web applications, I led a previous project of four developers as scrum master and spearheaded the development of DMDB, a project inspired by IMDB, employing React components from the Mantine library and utilizing Node.js with Express.js for the backend. My personal contribution includes incorporating a unique method to store large blobs of movie poster images fetched from the TMDb API into Microsoft Azure’s Blob Storage Service which improved website loading times massively. In addition to my expertise in the specified technologies, my proficiency in high-level programming languages and my ability to quickly learn and absorb new technologies proves my adaptability to your tech stack and any future technologies DRW Canada Co may employ. I am eager to provide my skills and passion and I am committed to contribute effectively to your dynamic team.

As such, I would very much like to discuss opportunities with DRW Canada Co 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