## **DANIEL LAM**

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## Thursday, January 25th, 2022

Hiring Manager

CAE Inc.

8585, chemin Côte-de-Liesse PO Box 1800

Saint-Laurent, Québec H4T 1G6

**Subject: C++ Backend Developer with CAE Inc.**

To Whom It May Concern,

I am writing to express my sincerest interest in filling your open position as C++ Backend Developer at CAE Inc. 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 relational databases (Oracle, MySQL, PostgreSQL) will prove to be an invaluable asset.

Upon reviewing your job description, I observed a strong emphasis on seeking candidates with prior experience in C++, relational databases and Agile development. In one previous project involving a team of five developers, I assumed the role of scrum master for the creation of the DMDB (Dawson Movie Database) website, drawing inspiration from the renowned IMDB. Our team adeptly utilized the React components library, Mantine, to establish the front end and employed Node.js and Express.js while using MongoDB as the database establishing the project's back end. As the scrum master, I not only led scrum meetings to address project requirements within stringent weekly deadlines but also swiftly acquired proficiency in both front-end and back-end aspects. In terms of personal contributions to the project, I 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. My expertise extends to high-level programming languages such as Java, C#, and Python, positioning me to swiftly adapt to CAE Inc's tech stack and my perseverance ensures that I can navigate this learning curve effectively. Additionally, I possess the autonomy to make substantial independent contributions all the while demonstrating problem-solving skills, adept multitasking, and the ability to thrive under pressure from deadlines. I am eager to bring my skills and dedication to your team, and I am confident in my ability to make meaningful contributions to your success, making me an ideal fit for this role at CAE Inc.

As such, I would very much like to discuss opportunities with CAE Inc 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