

Massimo Caruso

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Miriam Diallo
CAE Inc.
8585 De la Côte-de-Liesse Rd, Saint-Laurent, Quebec H4T 1G5

January 24, 2025

Dear Miriam Diallo,

I am thrilled to apply for the Software Engineering Intern role at CAE Inc. As a Software Engineering student at Concordia University, I bring a robust foundation in software development, coupled with hands-on experience from academic and professional projects.

Throughout my position as a CTF Challenge Designer at AtHackCTF, I developed RFID-based Capture the Flag challenges to simulate real-world security scenarios. This experience enhanced my technical skills in system analysis, hardware/software integration, and designing interactive problem-solving environments—skills that directly align with the requirements of the Software Engineering Intern role.

In addition, my academic projects, such as creating an online Food Database System and a Teacher-Student Feedback Web Application, allowed me to refine my expertise in Python, JavaScript, and SQL while working with APIs and relational databases. These projects taught me to manage end-to-end software development, optimize system performance, and focus on user-centered design.

What excites me most about CAE Inc. is its leadership in designing and deploying advanced defense and security systems that protect lives and ensure mission success. I am particularly drawn to the opportunity to contribute to developing innovative simulation technologies and scalable solutions for defense applications, which aligns with my career goals of advancing security and technology in high-stakes environments.

I am confident that my technical skills, academic achievements, and passion for software engineering make me a strong candidate for the Software Engineering Intern role. I would welcome the opportunity to discuss how my experiences align with the needs of your team. Please feel free to reach out to me at (514) 944-5977 or massimo02caruso@gmail.com.

Thank you for considering my application. I look forward to the possibility of contributing to CAE Inc.'s success.

Sincerely,
Massimo Caruso