

## **Job Posting: 177862 - Position: S26 C-GE-925 - C++ Backend Developer Intern 177862**

<b>Co-op Work Term Posted:</b>	2026 - Summer
<b>App Deadline</b>	02/08/2026 11:59 PM
<b>Application Method:</b>	Through Employer Website
<b>Posting Goes Live:</b>	01/30/2026 10:35 AM
<b>Job Posting Status:</b>	Approved

### **ORGANIZATION INFORMATION**

<b>Organization</b>	CAE Corporation
<b>Country</b>	Canada

### **JOB POSTING INFORMATION**

<b>Placement Term</b>	2026 - Summer
<b>&lt;b&gt; Job Title &lt;/b&gt;</b>	S26 C-GE-925 - C++ Backend Developer Intern 177862
<b>Position Type</b>	Co-op Position
<b>Job Location</b>	St. Laurent, QC
<b>Country</b>	Canada
<b>Duration</b>	4 months
<b>Work Mode</b>	Hybrid
<b>Salary Currency</b>	CAD
<b>Salary</b>	Salary Not Available, 0 Major List
<b>Job Description</b>	

**Job Title: C-GE-925 - C++ Backend Developer Intern**

**Job ID:** 120182

**Application Deadline:** **February 8, 2026**

**This position is exclusively open to students pursuing a university degree.**

**Internship dates:** May 4th to August 21st 2026

Are you looking for a work environment where you can innovate, reach greater heights and collaborate with experts from a wide range of sectors? You want to join a world-class company and industry leader with projects to which you would be proud to contribute? Come share your passion with us!

**The role we are offering you:**

By joining our team, you will have the opportunity to be part of the Image generator team. You will have the opportunity to participate in the development and integration of software components that offer pilots a simulation environment of unmatched realism. Our department is responsible for display solutions, visual content and rendering, sound effects and motion generation, as well as the development of artificial intelligence for other "players" in military simulation scenarios. The software you will be contributing to will be deployed on flight simulators that will help train several pilots around the world.

**Are you ready to:**

- Learn and evolve in the highly technological world of visual systems and flight simulator's
- Work in a fully integrated simulation environment to validate and integrate different technologies
- Use C++ in a Windows environment with Visual Studio for the development
- Contribute to the continuous improvement of CAE software and development processes
- Work in collaboration with a team containing mixed expertise such as Image Generator industry experts

Location of the internship is CAE Montréal.

Internship will be carried out in hybrid mode.

\*All applicants must be legally entitled to work in Canada and must meet the requirements of the Canadian Controlled Goods Program (CGP). All hires will be required to complete, sign and return the Controlled Goods Program form within a week of its transmittal. They must also provide a copy of their passport or birth certificate. All students with a work permit must provide a copy of it and a police clearance certificate from the country or countries where they have resided in the past five years.

*\*Please take note that if you are on a student, work or international student permit, the delays for the security background check take minimum 16 weeks.*

#### **CAE offers:**

- Salary determined according to the number of years and / or cumulative credits
- Flexible schedules and work from home policy
- Open concept workspace
- Opportunity to work on a variety of projects on a multidisciplinary team
- Possibility of permanent employment/extension
- STM access on campus
- Free parking on site for cars and bikes
- Running club and sports activities
- Changing rooms and showers
- Panoramic terrace open during Summer and Fall

\*For all interns hired, we will reimburse the internship costs for up to \$250 per intern upon presentation of supporting documents.

#### **About CAE**

*At CAE, our mission is clear: to help make the world a safer place. For nearly 80 years, we've driven innovation in simulation, training, and mission readiness to support critical operations worldwide. By leveraging advanced technologies, we empower our customers to operate smarter, faster, and more sustainably. Join a purpose-driven organization where bold ideas are encouraged, collaboration drives progress, and your growth fuels our shared success.*

#### **Position Type**

Student (Fixed Term)

#### **Equal Opportunity & Accommodations**

*CAE is committed to providing equal opportunities to all applicants, regardless of race, nationality, color, religion, sex, gender identity or expression, sexual orientation, disability, neurodiversity, veteran status, age, or other characteristics protected by law. We encourage applicants who may not meet every qualification to apply. Reasonable accommodations are available-contact your recruiter or email CAECarrieres-Careers@cae.com if needed.*

#### **Data Privacy**

Privacy Statement | CAE

*CAE thanks all applicants for their interest. However, only those whose background and experience match the requirements of the role will be contacted.*

#### **Job Requirements**

##### **Our ideal candidate has:**

- Good knowledge of object-oriented development, in C ++, under Windows.
- Knowledge of system programming (low level) under Windows
- Knowledge of OpenGL, 3D visualization concepts, GLSL shader
- Knowledge of optics, display systems, video interfaces, architecture and graphics capabilities of modern GPUs

##### **Preferred Education**

- Pursuing a bachelor's degree in software engineering or computer engineering

**Citizenship Requirement**                    N/A

## **APPLICATION INFORMATION**

**Application Procedure**                    Through Employer Website

**Cover Letter Required?**                    Optional

#### **Special Application Instructions**

**Application Deadline:**

[https://cae.wd3.myworkdayjobs.com/career/job/Montreal-St-Laurent/C-GE-925---C---Backend-Developer-\\_120182](https://cae.wd3.myworkdayjobs.com/career/job/Montreal-St-Laurent/C-GE-925---C---Backend-Developer-_120182)

**Application Deadline: February 8, 2026**

**Please click the "I intend to apply to this position" button on SCOPE and also submit your application via the employer's website. Applications are accepted on a rolling basis and the posting may be expired at any time by the employer as submissions are received. Students should submit their applications as soon as they are ready.**