Job Posting: 177861 - Position: S26 C-GE-113 - C++ Full-Stack Display Software Developer Intern 177861

Co-op Work Term Posted: 2026 - Summer
App Deadline 02/08/2026 11:59 PM
Application Method: Through Employer Website
Posting Goes Live: 01/30/2026 10:33 AM
Job Posting Status: Approved

ORGANIZATION INFORMATION

Organization CAE Corporation
Country Canada

JOB POSTING INFORMATION

Placement Term	2026 - Summer
<b> Job Title <b>	S26 C-GE-113 - C++ Full-Stack Display Software Developer Intern 177861
Position Type	Co-op Position
Job Location	St. Laurent, QC
Country	Canada
Duration	4 months
Work Mode	Hybrid
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List
Job Description	

Job Title: C-GE-113 - C++ Full-Stack Display Software Developer Intern
Job ID: 120183
Application Deadline: <mark>February 8, 2026</mark>
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 work in the Display Solutions 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:
• Work in laboratories and at your desk, to validate and integrate various technologies, including projectors, sensors, cameras and other optical systems
• Use C++ in a Windows environment with Visual Studio for the development
• Contribute to the continuous improvement of CAE software and development processes
• Maintenance and development of control and calibration software for display systems
• Maintenance and development of modelling and display system's design software

•Development of tests and debugging tools
•Learn and evolve in the highly technological world of visual systems and flight simulators
•Work in collaboration in a team with mixed expertise
Watch the video to learn about one of our projects: CAE Medallion MR e Series Visual System - YouTube
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 12 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
•Free parking (cars and bikes) and STM access on campus
•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 optics, display systems, video interfaces, architecture, and graphics capabilities of modern GPUs
•Experience in hardware/software (HW/SW) integration
•Mathematical knowledge and analytical skills
•Knowledge of software development standards
•Fluency in spoken and written French; functional English level

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-113---C---Full-Stack-Display-Software-Developer-

Intern_120183

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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.