Job Posting: 177101 - Position: S26 C-GE-167 C++ Content Pipeline Software Developer 177101

Co-op Work Term Posted: 2026 - Summer
App Deadline   01/23/2026 11:59 PM
Application Method: Through Employer Website
Posting Goes Live: 01/13/2026 04:29 PM
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-167 C++ Content Pipeline Software Developer 177101
Position Type   Co-op Position
Job Location   Montreal, QC
Country   Canada
Duration   4 months
Work Mode   Hybrid
Salary Currency   CAD
Salary   Salary Not Available, 0 Major List
Job Description

119881
About This Role
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 Content Pipeline team. The Content Pipeline team is responsible for the generation of the data-format and run-time streaming to the simulator client devices, such as the Image Generator and Mission function systems. 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 pilots around the world.
Are you ready to:
• Use C++ in a Windows environment with Visual Studio
•Work with the Unreal Engine 5 software
•Work to optimize/debug/trouble-shoot and add value to existing software products
•Work in laboratories and at your desk, to validate and integrate various technologies
•Contribute to the continuous improvement of CAE software and development processes
•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 various expertise

CAE offers:

• Salary determined according to the number of years and / or cumulative credits

•Flexible schedules

•Open concept workspace

•Opportunity to work on a variety of projects on a multidisciplinary team

•Supervision and mentoring throughout the internship

•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.

Job Requirements

Our ideal candidate has:

• Knowledge of Unreal Engine 5 software basics

•Good knowledge of object-oriented development, in C ++, under Windows

•Familiar with the Visual Studio IDE (VS 2022 or higher)

•Familiar with networking-streaming and multi-threading concepts

•Familiar with Github and software configuration control processes

•Sound analytical skills

•Knowledge of software development standards and processes, ex Aglie

•Fluency in spoken and written French; functional English level

 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.

Citizenship Requirement   N/A

APPLICATION INFORMATION

Application Procedure   Through Employer Website

Special Application Instructions

Application Link:

https://cae.wd3.myworkdayjobs.com/en-US/career/job/Montreal-St-Laurent/C-GE-167-C---Content-Pipeline-Software-

Developer_119881

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.