Job Posting:174004 - Position: W26 QNX Software Development Student (Camera team) 174004

Co-op Work Term Posted:	2026 - Winter
App Deadline	10/05/2025 11:59 PM
Application Method:	Through Employer Website
Posting Goes Live:	10/02/2025 12:51 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	BlackBerry
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
<b> Job Title <b>	W26 QNX Software Development Student (Camera team) 174004
Position Type	Co-op Position
Job Location	Ottawa, ON
Country	Canada
Duration	4 months
Salary Currency	CAD
Salary	Salary Not Available, 40 Major List
Job Description	

Job Description:

Think embedded, think QNX!

• QNX® is a global leader in high-performance, safe, and secure operating systems, hypervisors, frameworks, and development tools for embedded systems. Trusted in over 255 million vehicles and deployed across industries such as automotive, medical devices, industrial controls, transportation, heavy machinery, and robotics, QNX powers some of the world's most critical systems.

• Add support for new cameras or sensors to the framework

• Develop new software written primarily in C and C++.

• Add support for the framework on new hardware platforms (SOCs).

• Add support for new features and APIs in the framework.

• Create or modify existing sample applications.

• Root cause and fix issues with the framework.

• Work with multimedia team to integrate video codecs for encoding.

Our scalable, safety-certified software solutions enable companies to adopt flexible, cloud-enabled embedded strategies across product lines-ensuring performance, security, and reliability.

What our team does:

The ADAS team is building a framework to facilitate the development of Advanced Driver Assistance Systems (ADAS). The framework facilitates the access to cameras and other sensors such as LIDAR, radar and GPS/IMU through simple C APIs. It provides sample ADAS applications and provides graphical visualization and playback/record of the sensor data. We are looking for skilled software developers with an interest in working with advanced technology to help with the development of this framework.

Location: Ottawa, ON

Length of Term: 4 Months

Why Join QNX?

Mentorship & Learning: Access to professional development courses, mentorship programs, and our on-demand learning platform

Wellness Support: Access to events that support physical, mental and financial wellness. We host wellness sessions, fitness courses, discounts to local gyms and offer a 24/7 Employee Assistant Program (EAP)

Collaborative Culture: Highly collaborative teams and a supportive workplace environment, with organization-wide events and a student social committee

Employee Perks: Enjoy snacks, beverages, and discounts at local stores, restaurants, and gyms

Job Requirements

Skills & Qualifications

• Experience with C/C++ coding

• Experience in embedded software development and real-time OS is an asset.

•Device driver experience on any platform is an asset (DMA, interrupts, memory mapping, etc).

•Technical understanding of computer vision, image processing, graphics is an asset.

•Excellent communication skills.

•Self motivated.

•Personal time projects in software considered an asset.

•Currently enrolled in a related program of study

Citizenship Requirement   N/A

APPLICATION INFORMATION

Application Procedure   Through Employer Website

Special Application Instructions

Application Link:

https://bb.wd3.myworkdayjobs.com/Student/job/Ottawa-Ontario/QNX-Software-Development-Student--Camera-team-_20250293
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.