Job Posting:170910 - Position: F25 QNX Software Developer Student, ADAS (Fall 2025) 170910

Co-op Work Term Posted:	2025 - Fall
App Deadline	07/07/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	06/23/2025 09:59 AM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	BlackBerry
Country	Canada

JOB POSTING INFORMATION

Placement Term	2025 - Fall
<b> Job Title <b>	F25 QNX Software Developer Student, ADAS (Fall 2025) 170910
Position Type	Co-op Position
Job Location	Ottawa, ON
Country	Canada
Duration	4 months
Work Mode	To be confirmed
Salary Currency	CAD
Salary	Salary Not Available, 40 Major List
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.

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

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

Key Responsibilities

• 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.

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

Please click the "I intend to apply to this position" button on SCOPE and also submit your application via the employer's website.

Application Link: Career Opportunities

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.