

Job Posting:171723 - Position: F25 QNX- Open Source Developer Student 171723

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| Co-op Work Term Posted: | 2025 - Fall |
| App Deadline | 08/15/2025 11:59 PM |
| Application Method: | Through Employer Website |
| Posting Goes Live: | 08/01/2025 02:35 PM |
| Job Posting Status: | Approved |

ORGANIZATION INFORMATION

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| Organization | BlackBerry |
| Country | Canada |

JOB POSTING INFORMATION

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| Placement Term | 2025 - Fall |
| Job Title | F25 QNX- Open Source Developer Student 171723 |
| Position Type | Co-op Position |
| Job Location | Ottawa, ON |
| Country | Canada |
| Duration | 12 or 16 months |
| Work Mode | To be confirmed |
| Salary Currency | CAD |
| Salary | Salary Not Available, 0 Major List |
| Job Description | |

Job Description:

It all starts here! QNX technology has been deployed in the world's most critical embedded systems, including more than 255 million vehicles on the road today. As a trusted partner to some of the world's most innovative companies, we're on a mission to help redefine how we as a company go to market and unlock the next wave of growth. Now, we're expanding our Customer Marketing team to drive deeper relationships, stronger advocacy, and sustainable growth with our strategic accounts.

It all starts with you!

You would be joining our Open Source Software Development team whose mission is to integrate Open Source software into the QNX Real-Time Operating System for creating embedded solutions for our customers. We need inquisitive software developers with an interest in different multi-platform technologies to augment our products and help implement solutions.

Why QNX?

- **Industry Leader:** Be part of a company that is powering the next generation of critical embedded systems and shaping the future of safe and secure technology.
- **Impactful Work:** That directly influence the company's growth, market positioning, and financial success.
- **Innovation & Growth:** Join a team that thrives on innovation and drives cutting-edge solutions in a rapidly evolving market.
- **Collaborative Culture:** Work with talented professionals across diverse functions and contribute to a culture of excellence, accountability, and growth.

You will:

- Analyse, port, integrate, and optimize Open Source C/C++/Python projects onto the QNX Real-Time Operating System (RTOS).
- Work on projects including but not limited to; TensorFlow, ROS2, Boost, OpenCV, Some/IP, MQTT, DDS, SQLite, Android, GTK, Chromium browser, etc
- Work with the Open Source community to upstream QNX updates and patches
- Integrate Open Source SW with different QNX subsystems, such as graphics, networking, USB, audio, sensors, and multimedia
- Integrate Open Source components onto different embedded computing platforms and work with silicon partners to integrate Open

- Source SW with their HW acceleration blocks
- Develop of OS-specific porting layers
- Conduct performance optimization, analysis, and tuning

Job Requirements

You will have:

- Working towards a Bachelor's degree in Computer Science, Computer / Software Engineering or equivalent.
- Strong software development skills using applicable programming languages (C, C++)
- Excellent communication and interpersonal skills

- Self motivated, curious and enjoys finding solutions

If you have any of the following it would be great but not essential:

- Experience developing, maintaining, and/or porting large open source projects
- Embedded and RTOS development experience
- Experience with Linux and/or Android internals
- Device driver experience on any platform

If you are looking to make a real impact, then we'd love to hear from you!

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:

https://bb.wd3.myworkdayjobs.com/Student/job/Ottawa-Ontario/QNX--Open-Source-Developer-Student--Sept-25-start--12-16-month-placement-_20250163

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.