Job Posting:173717 - Position: W26 QNX Software Testing Development Student 173717

Co-op Work Term Posted: 2026 - Winter
App Deadline   09/25/2025 09:00 AM
Application Method: Through Employer Website
Posting Goes Live: 09/22/2025 03:16 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 Testing Development Student 173717
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

QNX is a world leader in the embedded software that drives many of the world's most interesting products. From space cameras to nuclear reactors to autonomous vehicles and sophisticated medical devices, QNX provides the foundation operating system that runs these systems.

Location: Kanata, Ottawa, ON

Length of Term: 4 Months

As the QNXE Test Team, our responsibilities include:

• Testing and verifying new features related to the QNXE Project.
•Collaborating closely with the QNXE Development Team to ensure that new features are validated correctly.
•Automating manual test cases using Python and pytest to decrease the release testing time and improve test reliability.
•Designing detailed test cases, test specifications, and test plans.
•Testing and verifying new features in different domains (graphics, cameras, hardware, ... etc)
•Porting and building applications from Linux to QNX.
•Building and customizing QNX images for various hardware and emulated environment targets.

As a co-op student, you will play a vital role in enhancing the automation of test cases by increasing the percentage of automated test cases. Additionally, you will participate in testing new features and porting new applications to QNX.

ou will:

• Become familiar with the QNX operating system

•Utilise Python as a test tool

•Write Manual and automated test cases

•Become familiar with the C library API to be tested and how the API could be used

•Debug and Analyze issue and work on the solutions

•Investigate and debug any issues found during the design and implementation of the test cases

•Report any issues to the kernel developers and kernel testers at QNX who are industry experts on embedded real-time systems

Job Requirements

You will:

• Currently pursuing post-secondary education in a related field

•Familiarity with Linux or other UNIX-like operating systems

•Programming experience in C/python

•Experience in Docker/virtualization technology

•Excellent communication and interpersonal skills

•Eagerness to learn and solve problems

Above & Beyond:

• Experience creating test cases using C and ability to follow our coding standard and verify that the API operates as documented

•Familarity with targets, real hardware

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.