

Job Posting:166941 - Position: S25 Co-op Software Developer - Real-Time Operating System 166941 E1

Co-op Work Term Posted:	2025 - Summer
App Deadline	03/15/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	02/28/2025 11:48 AM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Huawei Canada
Address Line 1	4321 Still Creek Dr
City	Burnaby
Postal Code / Zip Code	V5C 6S7
Province / State	BC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2025 - Summer
 Job Title 	S25 Co-op Software Developer - Real-Time Operating System 166941 E1
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, 37.5 Major List
Job Description	

Job description

Huawei Canada has an immediate co-op opening for a Software Developer.

About the team:

The Intelligent Real-Time Operating System Lab focuses on OS architecture, concurrency challenges, and optimal resource management for diverse use cases. This lab aims to innovate operating system designs for mixed-criticality environments that exceed traditional methods. The focus of this lab is to develop a next-generation operating system platform suitable for deployment across various domains, including cars, smartphones, and ICT/IoT devices, ensuring enhanced performance and reliability in increasingly complex environments.

About the job:

- Exploring the Real-Time OS research or development targeting embedded devices, cloud & virtualized computing and automotive domain.

- Contribute and help build the next-generation Real-Time OS technology to power a broad range of compute platforms.
- Solve some very challenging problems around scheduling, resource allocation, isolation and IPC in very complex systems.
- Focus on developing tooling and solutions to performance challenges in the system.

Job Requirements

Job requirements

About the ideal candidate:

- Currently enrolled in a university and registered with school's co-op program.
- Related coursework or experience in:
 - The field of real-time operating system design, development and integration,
 - CPU architecture for system software development,
 - System software development (mainly C/C++).
- Strong ability to research complex topics, distill knowledge into concrete designs and apply to new or existing projects.
- Strong communication ability to document and present technical information and solutions effectively to both technical and non-technical audiences.

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Special Application Instructions

Apply for job here: Co-op Software Developer - Real-Time Operating System

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.