Job Posting:172521 - Position: W26 Embedded Software Developer (Co-op) 172521

Co-op Work Term Posted:	2026 - Winter
App Deadline	09/22/2025 11:59 PM
Application Method:	Through Employer Website
Posting Goes Live:	09/03/2025 12:09 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Zaber Technologies Inc
Address Line 1	#2 - 605 West Kent Ave, N.
City	Vancouver
Postal Code / Zip Code	V6P 6T7
Province / State	British Columbia
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
\<b> Job Title \<b>	W26 Embedded Software Developer (Co-op) 172521
Position Type	Co-op Position
Job Location	Vancouver, BC
Country	Canada
Duration	8 months
Salary Currency	CAD
Salary	24.0 per hour for 0 Major List
Salary Range $	$24 - $28/hour depending on experience.
Job Description	

Job Title: Embedded Software Developer (Co-op)

Application Deadline: September 22, 2025

As an Embedded Software Developer at Zaber, you will work on projects critical to Zaber's motion control product line. This is a great opportunity to learn how to develop embedded software in a commercial environment, from the requirements gathering stage to implementation and testing. The code you write will be released and in the hands of real customers. You'll participate in our thorough code review process with some of our experienced developers.

You'll join, and be mentored by, a team of developers building the next generation of motion control software, targeting high-speed and high-torque applications, which require nanometer accuracy. You'll work on products that need to perform real-time motor control while minimizing complexity for end-users.

Zaber manufactures precision motion control equipment for applications in fields such as photonics, biotechnology, aerospace, and semiconductor engineering. For the past 20 years, Zaber has provided powerful motion control solutions for industry and for scientific research.

Embedded Software Developer Responsibilities:

In this position, you'll work as part of a team to implement and expand the features used to control our actuators and stages. The work is varied, and you can expect to:

• Design and implement features in C++ on an ARM microcontroller (you'll be working on this API).

•Collect requirements from other teams (e.g. Customer Support, Mechanical, and/or Production) and use them to design new

features.
- Write unit and integration tests.
- Research and deploy tools to manage our workflow.
- Document code and embedded software features for developers, internal users, and customers.
- Check out what our previous co-ops have worked on here.

Embedded Software Developer Details:
- Wage: $24 - $28/hour depending on experience.
- Closing Date: September 22, 2025.
- Start Date: January 2026.
- Length of position: 8 months preferred.

To learn more about our company culture and previous co-op experiences, visit our careers page.

Job Requirements

Embedded Software Developer Qualifications:
- You have experience programming and you are familiar with best development and testing practices.
- You dig deep and seek to understand the fundamental concepts of whichever programming language you're using.
- You are experienced with C++ (use in low-level or systems programming is a bonus).
- You are excited to write software that makes things move in the real world, and are interested in mechatronics.
- You like problem solving, challenges, and the process of learning - you dive in when you see behaviour you don't think makes sense.
- You are enthusiastic about working on a Firmware team.
- You pay attention to details and have thorough testing and documentation practices.
- You are currently enrolled in a degree or diploma program.

Citizenship Requirement   N/A

APPLICATION INFORMATION

Application Procedure   Through Employer Website
Cover Letter Required?   Optional
Special Application Instructions

Application Link:

https://www.zaber.com/careers/job?gh_jid=8138888002
Application Deadline: September 22, 2025
Please indicate your interest to apply to this position in SCOPE and also submit your application package via the online website portal. Please apply to this position as soon as possible, as the job posting may close before our set deadline.