

Job Posting:175412 - Position: S26 Embedded Software Engineer Co-op/Intern 175412B

Co-op Work Term Posted: 2026 - Summer
App Deadline 11/21/2025 09:00 AM
Application Method: Through Employer Website
Posting Goes Live: 11/14/2025 03:59 PM
Job Posting Status: Approved

ORGANIZATION INFORMATION

Organization Lumentum
Address Line 1 61 Bill Leathem Dr
City Nepean
Postal Code / Zip Code K2J 0P7
Province / State ON
Country Canada

JOB POSTING INFORMATION

Placement Term 2026 - Summer
** Job Title ** S26 Embedded Software Engineer Co-op/Intern 175412B
Position Type Co-op Position
Job Location Ottawa, ON
Country Canada
Duration 8 months
Work Mode To be confirmed
Salary Currency CAD
Salary Salary Not Available, 0 Major List
Job Description

Position Title: Embedded Software Engineer Co-op/Intern

Employment Type: Student - Co-op/Intern

Location: Ottawa ON, Onsite

Welcome to Lumentum! We're all about harnessing cutting-edge tech to create a brighter, more connected future. We are the leaders in optical and photonic products, working at the intersection of innovation and impact. Here's what we're up to:

Cloud & Networking

- Powering high-speed data transmission for cloud data centers, AI/ML, enterprise systems, and communication services. Think streaming, gaming, and next-gen tech-we make it happen.

Industrial Tech

- Innovating with state-of-the-art lasers used in industries like EVs, solar power, display technology, and semiconductors. We're enabling the future of green tech and advanced manufacturing.

At Lumentum, we're committed to collaboration, inclusivity, and empowering our team to shine. Together, we're shaping the tech of tomorrow while supporting a culture where everyone thrives.

Lumentum is seeking to hire a **Embedded Software Engineer (Co-op Student)** for our **Ottawa** based Embedded Circuit Pack

Software team.

The Opportunity...

- Preferably 8 months: May 2026 - December 2026

What You'll Be Doing

The student shall participate as a developer working on real projects in a team environment:

- Work closely with R&D teams to develop embedded software, and ensuring compliance to specifications;
- Work independently or in a small team to deliver technically challenging products;
- Designing, implementing and supporting features in C++ on embedded platforms for high performance optical products;
- Applying best practices throughout the software lifecycle;
- Solving complex problems in multi-disciplinary teams;
- Analyzing and characterizing software failures;
- Sharing your knowledge in the following technology areas: OO analysis and design, embedded software, code reuse, designing for test and support, distributed and multi-threaded system design, unit test, etc.

Job Requirements

What We're Looking For

Recommended Education:

- 3rd or 4th year: Computer Engineering, Computer Science, although software-inclined candidates from other Engineering and Science disciplines would also be considered.

Skills:

- Motivated to succeed;
- Strong C++ programming experience.
- Strong experience developing and working with embedded systems.
- Strong with QNX, LINUX and C is an asset.
- Strong experience working with teams.
- Strong troubleshooting and debugging skills.
- Excellent verbal and written communication skills.
- Experience with optical systems is an asset.
- Experience with TI DSP and BIOS is an asset.
- Experience.Net (VB, C#) experience;

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: 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.