

Job Posting:168910 - Position: F25 Process Automation Software Engineer Co-op/Intern 168910B E1

Co-op Work Term Posted: 2025 - Fall
App Deadline 05/20/2025 09:00 AM
Application Method: Through Employer Website
Posting Goes Live: 05/07/2025 02:23 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 2025 - Fall
** Job Title ** F25 Process Automation Software Engineer Co-op/Intern 168910B E1
Position Type Co-op Position
Job Location Ottawa, ON
Country Canada
Duration 8 or 12 months
Work Mode In-Person
Salary Currency CAD
Salary Salary Not Available, 0 Major List
Job Description

Job Requisition ID

•2025741

•2025742

It's fun to work in a company where people truly BELIEVE in what they're doing!

We're committed to bringing passion and customer focus to the business.

If you like wild growth and working with happy, enthusiastic over-achievers, you'll enjoy your career with us!

Lumentum Canada was awarded the 2022 National Capital Region's Top Employers for the 6th consecutive year and the 2022

Career Directory Canada's Best Employers for Recent Graduates for the 5th consecutive year.

Position Title: Process Automation 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 **Process Automation Software Engineer (Co-op Student)** for our **Ottawa** based team. The position requires an **on-site** presence.

Why You'll Love This Role

The Opportunity

- 8 months - September 2025 to April 2026
- 12 months - September 2025 to August 2026

What You'll Be Doing

The student shall participate as a software developer on the Process Automation Software team, working on software applications & libraries in a team environment:

- Support the optical alignment team by delivering new features and bug fixes to the automated alignment software application;
- Work closely with process engineers on manufacturing automation, including:
- Hermetic sealing, MEMS mirrors testing, Liquid Crystal on Silicon panels (LCoS) inspection, optical block alignment, diffraction grating inspection, robotic manipulators, among others
- Write hardware drivers for new instrumentation and test equipment;
- Become familiar with manufacturing processes, and run manufacturing tests in the lab to validate new feature development;
- Work self-sufficiently or in a small team to deliver technically challenging solutions;
- Applying best practices throughout the software lifecycle;
- Solve complex problems in multi-disciplinary teams;
- Investigate, document, and resolve software failures;

You will have a positive impact on our success by:

- Contributing to the ongoing development of automated solutions for the manufacturing of our next generation optical transport products;
- Solving complex technical problems;
- Working in close collaboration with other teams, such as the Optical, Hardware, Mechanical, Software, and Firmware R&D teams;
- Improving the quality and robustness of manufacturing automation software.

Perks You'll Love

- Free parking
- Free gym
- Cafeteria with subsidized meals and free coffee/tea
- Prayer room
- Games room

Join a Team That's Shaping the Future

At Lumentum, we're more than just a workplace-we're a launchpad for creativity and innovation. We're committed to celebrating your unique talents and helping you grow. Our guiding principles-Innovate, Engage, Deliver, Excel, and Win-aren't just words; they're the heart of what we do.

Let's Build a Brighter Future Together!

We're committed to building an inclusive workplace where everyone feels valued and empowered. We welcome applicants from all backgrounds and provide accommodations for individuals with disabilities throughout the hiring process. Your uniqueness makes us stronger, sparks creativity, and drives our success.

Please contact us at talentacquisition@lumentum.com to request accommodation.

Join us-your future starts here!

Job Requirements

What We're Looking For

Recommended Education:

- **Graduate level or 3rd/4th year undergraduate** student pursuing a degree in Engineering, Engineering Physics, Computer Science or equivalent.

Skills:

- Desire to succeed and to do things right the first time;
- Strong problem-solving skills;
- Excellent verbal and written communication skills;
- Strong object-oriented software design and implementation (any language);
- Experience with any or all of the following: Visual Studio, VB.NET, C#, Python, XML, SQL, SVN, Git, multi-threading, MS Build;
- Experience in instrumentation and automation is an asset;
- Understanding of optical systems is an asset;
- Experience with optical instruments and optical fibers is an asset;

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Cover Letter Required? Yes

Address Cover Letter to Hiring Manager

Special Application Instructions

Application Links:

- 2025741
- 2025742

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.