Job Posting:164694 - Position: S25 Process Automation Software Engineer Co-op/Intern 164694B E1

Co-op Work Term Posted:	2025 - Summer
App Deadline	02/03/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	01/16/2025 12:15 PM
Job Posting Status:	Expired

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 - Summer
<b> Job Title <b>	S25 Process Automation Software Engineer Co-op/Intern 164694B 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	

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*.
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.

What do we do?

It's an exciting time to join Lumentum! Lumentum (NASDAQ: LITE) is a market-leading manufacturer of innovative optical and photonic products enabling optical networking and commercial laser customers worldwide. Lumentum's optical components and

subsystems are part of virtually every type of telecom, enterprise, and data center network. Lumentum's commercial lasers enable advanced manufacturing techniques and diverse applications including next-generation 3D sensing capabilities. Lumentum is headquartered in San Jose, California with R&D, manufacturing, and sales offices worldwide. For more information, visit www.lumentum.com.

We believe Lumentum is a great place to work and we support a diverse and inclusive culture where employees bring their whole and authentic selves to work. We strive to build meaningful connections that fuel innovation to produce products that impact the world. We are committed to creating a diverse and welcoming workplace that includes employees with diverse backgrounds and experiences. We believe that enables us to better meet our mission and values while serving customers throughout our global communities. People of color, women, LGBTQIA+, veterans and persons with disabilities are encouraged to apply.

The Opportunity
• 8 months - May 2025 to December 2025
•12 months - May 2025 to April 2026

What will you do in this role?

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.

What experience will allow you the greatest success in this role?

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;

What sets Lumentum's student program apart? We're awesome because…

Our student program offers opportunities to work on real projects that have meaningful impact in an environment that supports diverse perspectives, inclusivity and fosters a sense of belonging. We offer flexible working schedules, continuous learning, mentorship programs, and employee resource groups.

In its seventh consecutive year, the Ottawa site is honored to be named one of the Canada Region Top Employers and one of the best employers for recent university graduates under the Career Directory for the sixth year by Canada's Top 100 Employers!

Lumentum awards scholarships of $5,000.00 to five of our Canada based students from underrepresented groups. To be considered for the scholarship, the first thing you need to do is apply for a Lumentum intern/co-op opportunity so you can be reviewed for a job with us. To receive the DIB scholarship, you must complete an intern/co-op with Lumentum.

You might be interested to know:

• We are a humble but passionate team of engineers & physicists who love our work and improving with each day;
•Our team has a long history (15 years and counting) of employing co-op students and we truly value the contributions our co-op students make to our team. In fact, several students have been hired upon graduation;
•We have a diverse team, many of whom hold advanced degrees, so there is a mentor here to help you grow and learn;
•Our building has a small gym and showers that are free to use.
•There is a cafeteria on site that provides free coffee & tea;
•Plenty of FREE Parking, if you drive, and a conveniently located public transit stop in front of the building, if you take public transit.
Citizenship Requirement   N/A

APPLICATION INFORMATION

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

Application Link: https://lumentum.wd5.myworkdayjobs.com/en-US/LITE/job/Canada---Ottawa-Bill-Leathem/Process-Automation-Software-Engineer-Co-op-Intern_20241257?q=intern&locations=01232ead616f01726660254a6810e472

Indicate your interest to apply to this position in SCOPE and also submit your application package via the online website portal.

Applications are accepted on a rolling basis and the posting may expire at any time. Students should submit their applications as soon as they are ready.