

Job Posting:173843 - Position: W26 Photonic Card Software Developer Co-Op 173843

Co-op Work Term Posted:	2026 - Winter
App Deadline	10/03/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	09/25/2025 03:36 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Ciena Canada
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
 Job Title 	W26 Photonic Card Software Developer Co-Op 173843
Position Type	Co-op Position
Job Location	Ottawa, ON
Country	Canada
Duration	4 or 8 months
Salary Currency	CAD
Salary	25.0 per hour for 0 Major List
Salary Range \$	\$25.00 - \$34.00
Job Description	

Job Title: Photonic Card Software Developer Co-Op (January 2026)

Job ID: R029059

As the global leader in high-speed connectivity, Ciena is committed to a people-first approach. Our teams enjoy a culture focused on prioritizing a flexible work environment that empowers individual growth, well-being, and belonging. We're a technology company that leads with our humanity—driving our business priorities alongside meaningful social, community, and societal impact.

The Opportunity:

Work term of 4, 8, 12 or 16 months starting in January 2026

How You Will Contribute:

Our team designs, implements, integrates, and maintains real-time photonic card software for several of Ciena's Optical Ethernet Network flagship products, leveraging advanced coherent optics, automated OTN, packet and SONET/SDH switching, control plane, and unified network management—to help network operators scale, manage, and differentiate their services.

Compensation and Benefits

The pay range for this position is \$25.00-34.00/hr CAD

Pay ranges at Ciena are designed to accommodate variations in knowledge, skills, experience, market conditions, and locations, reflecting our diverse products, industries, and lines of business. Please note that the pay range information provided in this posting pertains specifically to the primary location, which is the top location listed in case multiple locations are available.

In addition to competitive compensation, Ciena offers students access to the Employee Assistance Program (EAP), company-paid holidays, paid sick leave, and vacation pay as required by applicable laws.

Not ready to apply? Join our Talent Community to get relevant job alerts straight to your inbox.

At Ciena, we are committed to building and fostering an environment in which our employees feel respected, valued, and heard. Ciena values the diversity of its workforce and respects its employees as individuals. We do not tolerate any form of discrimination. Ciena is an Equal Opportunity Employer, including disability and protected veteran status.

If contacted in relation to a job opportunity, please advise Ciena of any accommodation measures you may require.

Job Requirements

The Must Haves:

- Enrolled in a bachelor's or master's degree in computer or electrical engineering, computer science, or similar disciplines
- Experience with C and Python

Assets:

- Developing software for embedded systems or telecom products
- Understanding of CPU hardware architectures, hardware functional specifications, hardware timing diagrams, device data sheets
- Understanding of real-time operating systems and embedded systems
- Software development tools such as git, BitBucket, Gerrit, Jira, etc.
- Unit test frameworks such as Google Test, JUnit, Robot, PyTest, and the like
- Debuggers and tools (e.g., gdb)
- High-level programming and scripting languages such as C++, Java, Perl, Tcl, LUA, bash
- Software development methodologies such as Agile or Waterfall
- Familiarity with datacom and telecom concepts such as DWDM, SONET/SDH, OTN, Ethernet, OSI Model, TCP/IP, MPLS

Citizenship Requirement	N/A
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APPLICATION INFORMATION

Application Procedure Through Employer Website

Cover Letter Required? Optional

Special Application Instructions

Application Link:

https://ciena.wd5.myworkdayjobs.com/Careers/job/Ottawa/Photonic-Card-Software-Developer-Co-Op--January-2026-_R029059

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.