

Job Posting:172380 - Position: W26 Software Engineer and Tools Developer Intern 172380

Co-op Work Term Posted: 2026 - Winter
App Deadline 09/19/2025 09:00 AM
Application Method: Through Employer Website
Posting Goes Live: 08/29/2025 02:13 PM
Job Posting Status: Approved

ORGANIZATION INFORMATION

Organization Ciena Canada
Country Canada

JOB POSTING INFORMATION

Placement Term 2026 - Winter
** Job Title ** W26 Software Engineer and Tools Developer Intern 172380
Position Type Co-op Position
Job Location Ottawa, ON
Country Canada
Duration 4 months
Salary Currency CAD
Salary 25.0 per hour for 0 Major List
Salary Range \$ \$25.00 - \$34.00
Job Description

Job Title: Software Engineer and Tools Developer Intern (Winter 2026)

Job ID: R028751

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. Are you ready to be part of the next generation of networking innovation?

Join Ciena's **AI/ML/DL Packet Team** and contribute to the development of cutting-edge solutions for our **coherent metro router**, designed to unify IP and Optical in the metro with ultimate flexibility, future-proof extensibility, and improved sustainability. This is your opportunity to work on next-generation optical transport solutions and Layer 2/3 switching and routing technologies.

How You Will Contribute:

- Develop AI tools and applications (ML, Kubernetes) that extend the capabilities of system/platform solutions.
- Participate in the development of embedded, real-time software for telecommunications systems.
- Code, test, and support software releases, ensuring high-quality delivery.
- Collaborate with Senior Designers and architects for mentoring and coaching while contributing to team objectives.
- Solve problems, analyze issues, and innovate to enhance system capabilities.

Pay Range: The pay range for this position is \$25.00 - \$34.00

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:

- Currently pursuing a degree in Computer Science, Computer Engineering, or a related field.
- Strong interest in embedded programming and telecommunications systems.

The Assets:

- Experience with programming languages such as C, C++, Python, Go, or BASH.
- Familiarity with AI/ML frameworks like TensorFlow, PyTorch, Scikit-learn, and Jupyter.
- Exposure to Kubernetes, React.js, REST APIs, and Linux as a development environment.
- Understanding of datacom and telecom concepts (Ethernet, TCP/IP, MPLS, DWDM).
- Experience with low-level real-time software/firmware development.
- Familiarity with CLI, SNMP, NETCONF, REST, gRPC, and tools like Git, Eclipse, JIRA, Confluence, GDB, and Yocto.
- Knowledge of YANG modeling language and toolchains.
- Exposure to automation and testing processes.

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Cover Letter Required? Optional

Special Application Instructions

Application Link:

https://ciena.wd5.myworkdayjobs.com/en-US/Careers/job/Ottawa/Software-Engineer-and-Tools-Developer-Intern--Winter-2026-_R028751

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.