

Job Posting:169512 - Position: F25 Software Engineer and Tools Developer Co-op 169512

Co-op Work Term Posted: 2025 - Fall
App Deadline 05/23/2025 09:00 AM
Application Method: Through Employer Website
Posting Goes Live: 05/09/2025 09:53 AM
Job Posting Status: Approved

ORGANIZATION INFORMATION

Organization Ciena Canada
Country Canada

JOB POSTING INFORMATION

Placement Term 2025 - Fall
** Job Title ** F25 Software Engineer and Tools Developer Co-op 169512
Position Type Co-op Position
Job Location Ottawa, ON
Country Canada
Duration 4 months
Work Mode To be confirmed
Salary Currency CAD
Salary Salary Not Available, 0 Major List
Salary Range \$ \$24.50-\$33.00/hour CAD
Job Description

Software Engineer and Tools Developer Co-op (Fall 2025)

R027912

Ciena is committed to our people-first philosophy. Our teams enjoy a culture focused on prioritizing a personalized and flexible work environment that empowers an individual's passions, growth, wellbeing and belonging. We're a technology company that leads with our humanity-driving our business priorities alongside meaningful social, community, and societal impact.

Ciena's next generation, purpose-built coherent metro router, designed to unify IP and Optical in the metro-with ultimate flexibility, future-proof extensibility, and improved network sustainability.

Join the next generation AI/ML/DL packet team delivering these Optical Ethernet Network solutions:

- Next Generation optical transport solutions
- Layer 2/3 switching and routing (Ethernet/MPLS)

Note, this work term is for a 4 month duration (extension possible)

RESPONSIBILITIES

- Develop AI tools (ML, Kubernetes), applications which extend the capabilities of system/platform
- Development of embedded, real-time software for telecommunications systems
- Coding and testing of software
- Support of testing activities in the release where feature is delivered

GENERAL ACTIVITIES

- Working closely with Senior Designers and architects who will provide mentoring and coaching
- Collaborating with other design and test support teams
- Problem Solving and analysis

- Contributing to your team
- Innovation
- Communication
- Scripting
- Embedded C programming

Pay Range: The hourly pay range for this position is \$24.50 - \$33.00

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

REQUIRED SKILLS

- Pursuing Computer Science, Computer Engineering, or related degree

SKILLS WHICH ARE AN ASSET

- TensorFlow, PyTorch, Scikit-learn, Jupyter, React.js, REST APIs, Kubernetes
- C, C++ programming language experience
- Scripting experience, Python, Go, BASH
- Familiarity with datacom & telecom concepts such as Ethernet, TCP/IP, MPLS, DWDM
- Low-level Real-Time Software/Firmware Development
- Linux
- Linux as a software development environment
- Exposure to CLI, SNMP, NETCONF, REST, gRPC.
- Design and development tools such as: Git, Eclipse, JIRA, Confluence, GDB, Yocto
- YANG modeling language and toolchains
- Automation and Test

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Cover Letter Required? Optional

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:

https://ciena.wd5.myworkdayjobs.com/en-US/Careers/job/Ottawa/Software-Engineer-and-Tools-Developer-Co-op--Fall-2025-_R027912?workerSubType=ac99acc6fb6b108fe66503995497ae7c

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.