Job Posting:175514 - Position: W26 Performance Automation Intern 175514

Co-op Work Term Posted: 2026 - Winter
App Deadline   11/28/2025 09:00 AM
Application Method: Through Employer Website
Posting Goes Live: 11/18/2025 03:44 PM
Job Posting Status: Approved

ORGANIZATION INFORMATION

Organization   Ciena Canada
Country   Canada

JOB POSTING INFORMATION

Placement Term   2026 - Winter
<b> Job Title <b>   W26 Performance Automation Intern 175514
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: Performance Automation Intern January 2026 (4-8 months)
Job ID: R029184

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.

Internship Opportunity at Ciena: Performance Automation Intern (4-8 Months)

Location: Ottawa (in-person only)

Initial term: January - April 2026

Possibility of extension to 8 months, based on performance and project needs.

How You Will Contribute

Ciena's Agile and Programmable Optical Transport (APOT) organization is seeking an energetic and driven Software Designer or Data Scientist Intern to join the Performance and Automation Team. This team is pivotal in ensuring the quality and performance of Ciena's software and hardware while driving innovation through automation tools and data pipelines.

As an intern, you will collaborate with engineers and architects, gaining hands-on experience in software instrumentation, test automation, and data pipeline development. Your contributions will span multiple technical domains, including:

• Software Instrumentation: Enhancing existing software to collect performance metrics.

•Performance Metrics Capture: Measuring and analyzing network data to assess key performance indicators.

•Automation Development: Creating scripts to automate data collection and analysis workflows.

•Data Visualization: Building dashboards and visual tools to present actionable insights.

•ETL Pipelines: Designing pipelines to process raw data into meaningful insights.

•Automated Test Execution: Running test scripts, debugging issues, and reporting findings.

•Tool Development: Supporting product verification and integration teams with tools to streamline testing and analysis.

Why Ciena?

At Ciena, you'll work on cutting-edge technology, collaborate with industry experts, and make a meaningful impact on global networks. This internship provides hands-on experience, mentorship, and the opportunity to develop your technical and professional skills in a dynamic and innovative environment.

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
•Proficiency in scripting and programming languages such as Python, C, C++, JavaScript, and Bash Shell scripting.
•Familiarity with data science techniques and statistical methods.
•Knowledge of software development and testing processes, including version control systems like Git.
•Experience with Linux-based operating systems and workstations.
•Understanding of software performance concepts (preferred).
•Strong communication skills, self-motivation, and the ability to work in a team environment.
•Problem-solving skills and the ability to multitask effectively.

Required Experience
•Currently enrolled in 2nd-4th year of a Software Engineering, Computer Engineering, Computer Science, Data Science, or related undergraduate program.
•Post-graduate students in relevant fields will also be considered.
•Previous programming experience through coursework, personal projects, or extracurricular activities (e.g., hobbies, clubs).

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/Performance-Automation-Intern-January-2026--4-8-months-

_R029184?source=LinkedIn+Job+Advertisement

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.