Job Posting: 177533 - Position: S26 Instrumentation Software Co-Op 177533

Co-op Work Term Posted:	2026 - Summer
App Deadline	02/06/2026 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	01/21/2026 04:18 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Viavi Solutions Canada
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Summer
<b> Job Title <b>	S26 Instrumentation Software Co-Op 177533
Position Type	Co-op Position
Job Location	Ottawa, ON
Country	Canada
Duration	4 months
Salary Currency	CAD
Salary	21.0 per hour for 0 Major List
Salary Range $	$21 to $39
Job Description	

Job Title: Instrumentation Software Co-Op

Job ID: 260004209

Summary:

VIAVI (NASDAQ: VIAV) is a global provider of network test, monitoring and assurance solutions for telecommunications, cloud, enterprises, first responders, military, aerospace, and railway. VIAVI is also a leader in light management technologies for 3D sensing, anti-counterfeiting, consumer electronics, industrial, automotive, government and aerospace applications.

We are the people behind the products that help keep the world connected at home, school, work, at play, and everywhere in between. VIAVI employees are passionate about supporting customer success and we welcome people who bring their best every day to the company - to question, to collaborate and to push for solutions that will delight our customers.

Duties & Responsibilities:

Introduction

VIAVI Solutions is a global leader in both network & service enablement and optical security and performance products and solutions. Our technologies contribute to the success of a wide range of customers - from the world's largest mobile operators and governmental entities to enterprise network and application providers to contractors laying the fiber and building the towers that keep us connected.

With the deep expertise necessary to deliver unparalleled physical and virtual network intelligence, VIAVI Solutions helps service providers, enterprises, and their ecosystems, to deploy, maintain, optimize, and evolve the most complex and powerful networks on the planet.

Job Description

Our Ottawa division is looking for an energetic student to apprentice as a technical team member within the Software Engineering organization. The position supports Viavi's fiber-optic lightwave test systems, working closely with R&D, Product Line Management, and Optical Design teams to develop the software that enables, controls, and differentiates advanced photonic instrumentation. The student will have opportunities to contribute to proof-of-concept investigations, production-quality software, and system-level

integrations, spanning embedded interfaces, middleware, scripting, and graphical user interfaces. This role offers exposure to the full lifecycle of technical software-from early experimentation to deployment in shipping products.

The successful candidate will bring a strong mix of abilities including analytical thinking, solid programming fundamentals, curiosity about hardware/software interaction, and the ability to collaborate across disciplines. A strong work ethic, attention to detail, and a willingness to engage with unfamiliar problem spaces are essential.

We are looking to train and invest in a diligent and committed student who is willing to adapt to a wide range of software challenges. The team you will be joining is a focused group of experienced engineers who support a diverse portfolio of optical test platforms and technologies.

Responsibilities

In this role there will be a dual focus on software craftsmanship and system-level understanding. The task is to develop software that connects physical devices, algorithms, and user workflows into robust, usable, and extensible systems that drive innovation at Viavi.

Responsibilities include:

• Assist with development of software for optical instrumentation, including embedded interfaces, middleware, and application-level components
• Contribute to proof-of-concept investigations and exploratory prototypes in collaboration with R&D and optics teams
• Develop and maintain production-quality C++ code, with supporting Python scripts for automation, analysis, or tooling
• Assist with development of graphical user interfaces and visualization tools (e.g., using PyQt or similar frameworks)
• Support integration of software with hardware devices, sensors, and test equipment
• Develop test utilities, validation tools, and supporting documentation Participate in debugging, root-cause analysis, and performance investigations across the software stack

If you have what it takes to push boundaries and seize opportunities,
apply to join our team today.

VIAVI Solutions is an equal opportunity and affirmative action employer - minorities/females/veterans/persons with disabilities

Job Posting Pay Range:

21 to 39

Exceptional qualifications, experience and location may impact salary. VIAVI offers a competitive benefits package that includes paid time off, health, life and disability insurance, 401(k), and a bonus program.

Job Requirements

Pre-Requisites / Skills / Experience Requirements:
Qualifications:

• Demonstrated ability to reason through complex problems and implement reliable software solutions
• Strong interest in software systems, especially where software interfaces with hardware or physical measurements
• Experience with or exposure to C++ programming; familiarity with Python scripting is an asset
• Background or coursework in software architecture, computer engineering, software engineering, engineering physics, electrical engineering, optics, or a related technical field.
• Understanding of software fundamentals such as data structures, control flow, version control, and debugging practices
• Ability to collaborate effectively with cross-functional teams including optics, hardware, and product management
• Strong verbal and written communication skills
• Familiarity with GUI development, embedded systems, test automation, or scientific/engineering software is an asset
• Ability to multitask & collaborate closely on a team Demonstrated accountability

Citizenship Requirement   N/A

APPLICATION INFORMATION

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

Application Link:

https://viavisolutions.wd1.myworkdayjobs.com/careers/job/Ottawa-CAN/Instrumentation-Software-Co-Op_260004209-1

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.