

Job Posting:168213 - Position: S25 Intern Test Engineer - Optical Communication System 168213

Co-op Work Term Posted:	2025 - Summer
App Deadline	04/09/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	03/26/2025 03:46 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Huawei Canada
Address Line 1	4321 Still Creek Dr
City	Burnaby
Postal Code / Zip Code	V5C 6S7
Province / State	BC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2025 - Summer
 Job Title 	S25 Intern Test Engineer - Optical Communication System 168213
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
Job Description	

Huawei Canada has an immediate 4-month internship opening for a Test Engineer.

About the team:

Huawei Canada's Advanced Optical Technology Lab focuses on advanced R&D in high-performance optical communications and networking. Our expert team specializes in transmission algorithms, systems, physics, and optical network management. The lab engages in projects ranging from deep research to developing key product features, actively participating in standards organizations and collaborative research with partners. Our multicultural environment fosters innovation, mentorship, and a passion for learning. If you thrive on solving complex technical challenges, this lab is your ideal place.

About the job:

- Set up an optical fiber communication testbed with off-the-shelf components.
- Develop scripts for automated control of the testbed, which needs to realize functionalities such as connecting to instruments, reading data, analyzing data, determining actions for next steps and configuring the instruments.
- Conduct transmission tests and analyze experimental data.

Job Requirements

About the ideal candidate:

- Bachelor's/Master's/PhD student in Electrical Engineering, Physics, Computer Science or a related field.
- Familiar with Python, able to write script for instrument control and test automation.
- Hands-on experimental skills in optical testing; Familiar with optical measurement instruments including optical/electric spectrum analyzer, sampling oscilloscope and real-time oscilloscope, optical/RF power meter, fiber fusion splicer, etc.
- Logical thinker with strong problem-solving skills.
- Knowledge of basic concepts of optical communication system and components (for example, fiber, EDFA, etc.) is an asset.

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: Huawei Technologies Canada Co., Ltd. - Intern Test Engineer - Optical Communication System

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.