Job Posting:173085 - Position: W26 Software Developer in Test (SDET) Co-op 173085

Co-op Work Term Posted:	2026 - Winter
App Deadline	09/18/2025 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	09/11/2025 10:52 AM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	LMI Technologies
Address Line 1	9200 Glenlyon Parkway
City	Burnaby
Postal Code / Zip Code	V5J 5J8
Province / State	BC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
<b> Job Title <b>	W26 Software Developer in Test (SDET) Co-op 173085
Position Type	Co-op Position
Job Location	Burnaby, BC
Country	Canada
Duration	8 months
Work Mode	Hybrid
Salary Currency	CAD
Salary	40000.0 per year for 40 Major List

Job Description

LMI Technologies, recognized as one of Canada's 50 Best Workplaces, is a medium-sized technology company built on a culture of openness, respect and professional excellence. At LMI our staff work passionately toward the common goal of designing and delivering innovative 3D machine vision solutions to OEMs and System Integrators working in industrial factory automation around the world. The result of this teamwork is high-performance, easy-to-implement and cost-effective 3D sensor technologies that deliver the best results in even the most challenging 3D inline inspection applications.

What will you do as a Software Developer in Test (Co-op)?

You will be joining the quality team to help test frontend and backend features for 3D scanning technology via manual and automated methods with a strong push for automation. The test suites include regression, smoke, stability and performance testing where data collection and analysis on results will be essential for product quality. You will also help support the team in automating processes and developing tools to enhance the team's efficiency in development. You will need to be able to multitask multiple projects and learn/apply different technologies.

You will report to the Team Lead of our Gocator Quality Team.

Typical Duties, Activities, Responsibilities:

• Expands functionality of the Test API in the automation test framework
•Develops test tools that aid the Gocator team in development
•Investigates test script failures and file bug reports
•Develops test scripts for regression, smoke, stability and performance testing
•Manages the automation lab and helps make improvements
•Evaluates functional requirements to develop test plans to ensure adequate test coverage
•Perform feature validation testing on recently implemented functionality through automation and manual testing
•Occasional manual testing as required, with a strong emphasis on "automation-first"
•Proactively contributes to and implements continuous improvement initiatives
•Adheres to LMI Employee Policy Manual

Job Requirements

• Proficiency with Python
•Experience with C++ or any other OOP language
•Firm understanding of object oriented programming
•Firm understanding of basic algorithms and data structures
•Experience with Pycharm
•Experience with SCM tools such as git and SVN
•Strong written and verbal communication skills
•Ability to work in a team environment and to be accountable for your performance and documentation

Skills of Value:
• Agile development experience
•Embedded development experience
•Web development skills such as HTML, CSS, or JavaScript
•Experience working with, or exposure to, motor controls, electronic lab equipment and devices

Citizenship Requirement	N/A
Position Start Date	January 06, 2026 12:00 AM
Position End Date	August 27, 2026 12:00 AM

APPLICATION INFORMATION

Application Procedure	Through UBC Science Co-op
Cover Letter Required?	Yes
Address Cover Letter to	Hiring Manager