Job Posting:170980 - Position: F25 Software Development Engineer in Test Co-op 170980

Co-op Work Term Posted:	2025 - Fall
App Deadline	07/11/2025 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	06/25/2025 02:01 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Teledyne FLIR IIS
Address Line 1	12051 Riverside Way
City	Richmond
Postal Code / Zip Code	V6W 1K7
Province / State	BC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2025 - Fall
<b> Job Title <b>	F25 Software Development Engineer in Test Co-op 170980
Position Type	Co-op Position
Job Location	Richmond, BC
Country	Canada
Duration	8 months
Work Mode	Hybrid
Salary Currency	CAD
Salary	Salary Not Available, 40 Major List
Salary Range $	$36,100.00-$48,100.000

Job Description

REQ29299

Be visionary

FLIR Integrated Imaging Solutions (IIS), a division of Teledyne FLIR, is one of the world's leading manufacturers of machine vision digital cameras. Our cameras are vital components in the fast growing, transformative industries of robotics, autonomous vehicles, industrial automation, virtual reality and medical/life sciences.

Job Summary:

We are looking for an 8-month **Software Development Engineer in Test Co-op** student to join our **Testing team!** This is an ideal position for someone passionate about embedded systems.

The successful candidate will be responsible for:

- Implementing design verification tests to help identify complex firmware problems
- Troubleshooting hardware/firmware/software interactions
- Executing automated tests to verify camera function
- Designing and implementing improvements to our process and infrastructure

• Building, testing, and releasing new firmware

Interesting Facts about FLIR IIS:
• Benefits for Co-ops include: free transit pass, fully subsidized cafeteria, on-site bike room, flexible work hours,
• All our cameras are designed and manufactured onsite

FLIR Integrated Imaging Solutions (IIS) and all of our employees are committed to conducting business with the highest ethical standards. We require all employees to comply with all applicable laws, regulations, rules and regulatory orders. Our reputation for honesty, integrity and high ethics is as important to us as our reputation for making innovative sensing solutions.

FLIR Integrated Imaging Solutions (IIS) is an equal opportunity employer.

Salary Range:
$36,100.00-$48,100.000

Pay Transparency
The anticipated salary range listed for this role is only an estimate. Actual compensation for successful candidates is carefully determined based on several factors including, but not limited to, location, education/training, work experience, key skills, and type of position.

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Teledyne is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability or veteran status, age, or any other characteristic or non-merit based factor made unlawful by federal, state, or local laws.

Job Requirements

Requirements:
• Third/Fourth year student in Electrical Engineering, Computer Engineering, or related field
• Proficient in C++
• Proficient in Microsoft Visual Studio
• Deep understanding of OOP design
• Excellent interpersonal skills
• Positive attitude
• Highly organized individual with keen attention to detail

Preferred Skills/Experience:
• Knowledge of scripting (Python, Bash)
• Comfortable with hardware and circuit debugging tools (Oscilloscope, Multimeter)
• Knowledge of USB, Ethernet, communication protocols
• Familiarity with image processing
• Experience with embedded systems

Citizenship Requirement	N/A
Position Start Date	September 02, 2025 12:00 AM
Position End Date	May 01, 2026 12:00 AM

APPLICATION INFORMATION

Application Procedure	Through UBC Science Co-op
Cover Letter Required?	Yes
Address Cover Letter to	Tim Vlaar