

Job Posting:171789 - Position: F25 Junior Software Developer (Co-Op) 171789

Co-op Work Term Posted:	2025 - Fall
App Deadline	08/18/2025 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	08/07/2025 11:31 AM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	LUCID Vision Labs Inc.
Website	www.thinklucid.com
Address Line 1	100 - 4200 North Fraser Way,
City	Burnaby
Postal Code / Zip Code	V5J 5K7
Province / State	BC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2025 - Fall
 Job Title 	F25 Junior Software Developer (Co-Op) 171789
Position Type	Co-op Position
Job Location	Burnaby
Country	Canada
Duration	12 months
Work Mode	Hybrid
Salary Currency	CAD
Salary	4500.0 per month for 40 Major List
Salary Range \$	4500
Job Description	

LUCID Vision Labs, Inc. designs and manufactures innovative machine vision cameras and components that utilize the latest technologies to deliver exceptional value to customers. Our compact, high-performance GigE Vision cameras are suited for a wide range of industries and applications such as factory automation, medical, life sciences and logistics. Our expertise combines deep industry experience with a passion for product quality, technology innovation and customer service excellence.

In keeping with the company's mission and values, the Junior Software Developer (Co-Op) is responsible for writing, maintaining and testing all levels of code related to LUCID's products. The Junior Software Developer (Co-Op) works on developing and supporting a high performance, reliable Machine Vision SDK.

Duties and Responsibilities

- Develop various modules, scripts, etc. as needed primarily for testing
- Write unit tests prior to writing corresponding code in order to deliver full coverage of the LUCID software library
- Participate regularly in development meetings, and code reviews to provide timely input and feedback on internal development processes
- Develop and maintain test frameworks that integrate tools, libraries, and utilities needed to interact with the system under test

- Follow Test Driven Development best practices to ensure established acceptance criteria are met and potential bugs are caught early in the development cycle and no regressions are introduced to the code
- Use git and source control tools in order to support accurate source code management for the internal development team
- Maintaining build machines and test machines in order to effectively simulate software performance for the end users
- Contribute to the development of the internal SDK library and GUI applications.
- Other related duties, as required

Job Requirements

Qualifications

- 1+ years experience in software development (specialty in desktop, web, or embedded applications)
- Support and knowledge of DevOps (including Jenkins, AWS), agile, and source control
- Experience with scripting languages like Python and batch scripting
- Experience developing code in C/C++
- Familiarity with Agile development best practices, including Test Driven Development (TDD)
- Familiarity with network programming
- Exposure to image processing
- Familiarity with vision standards like GenICam

LUCID Vision Labs Inc. is proud to be an equal opportunity workplace committed to building a team culture that celebrates diversity and inclusion.

We thank all applicants who apply; however only those selected for consideration will be contacted.

Citizenship Requirement N/A

Position Start Date September 04, 2025 12:00 AM

Position End Date August 31, 2026 12:00 AM

APPLICATION INFORMATION

Application Procedure Through UBC Science Co-op

Cover Letter Required? Yes

Address Cover Letter to Annie Chan

Special Application Instructions

Please submit application through UBC Science Co-Op with cover letter, resume and transcripts for consideration.