

Job Posting:174202 - Position: W26 Software Programmer 174202

Co-op Work Term Posted:	2026 - Winter
App Deadline	10/15/2025 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	10/08/2025 12:01 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Nexera Robotics
Website	https://www.nexera-robotics.com/
Address Line 1	277 Mountain Hwy
City	North Vancouver
Postal Code / Zip Code	V7J 2K7
Province / State	British Columbia
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
 Job Title 	W26 Software Programmer 174202
Position Type	Co-op Position
Job Location	North Vancouver, BC
Country	Canada
Duration	4 or 8 months
Work Mode	In-Person
Salary Currency	CAD
Salary	25.0 per hour for 40 Major List
Job Description	

Company description

Nexera Robotics is a robotics company that is solving one of the most fundamental problems in the field of robotics. For decades the inability of robots to reliably grasp diverse objects (an apple, a shopping bag, a hairbrush, etc.) has severely limited their deployment outside of well-structured environments like automated assembly lines (car manufacturing). Nexera Robotics has developed a novel and patented grasping platform technology that is fundamentally capable of securely grasping a hugely diverse range of objects.

We have funding and a core technical team for the next stage of development who will be on site to support you. The primary aspects of the technology have been refined and validated over the previous few years in a university research lab, and Nexera Robotics is now focused on the rapid commercialization of the technology.

Our office and lab are in North Vancouver by the second narrows bridge. We are looking for strong aspiring computer scientists and engineers, with diverse skillsets, who have the drive and energy to be part of the early stage of a fast-moving company.

There are massive opportunities to be a part of a growing venture during the coop placement and beyond.

Where will you fit in?

As part of a tight-knit team, your primary role will be as part of the R&D team in extending the capabilities of our proprietary grasping software application.

You may also assist the team to integrate our robot and technology with third-party vision systems and software to ensure our technology can meet the needs of multiple market segments.

The role will be highly adapted to the strengths of the candidate.

We want to ensure that you get the best experience from this placement and will be supporting you throughout with regular reviews and feedback.

Main Activities (Roles and Responsibilities)

- Development of software tools related to our grasping technology
- Development of applications for enabling 24/7 robotic testing
- Assist in data collection and labelling, including design and running of experiments
- Data analysis of test results
- Working with Robot Manipulators
- Coding and modifying testing protocols while interfacing with peripheral devices (e.g., cameras, sensors, robots and controllers/drives)
- Helping with day-to-day tasks to push the company forward faster
- Many other possible tasks depending on candidates' native skills

Job Type: Coop

Job Location: North Vancouver

Hours per week: 40 hours

Salary: \$25.00

Work Authorization: Permanent Resident or Canadian Citizen

Position length: 4, 8 and 12 month term

Start date: May 2025

COVID-19 considerations: We follow all current COVID procedures.

Job Requirements

Skills we would like:

- Strong skills in software design, programming (C or C++, Python), and debugging
- Experience in OOP and understanding OOP design principles
- Experience in developing software applications
- Experience with collaboration and version control tools (e.g., Git)
- Ability to work in a collaborative environment
- Strong critical thinking
- Self-starter

Nice-to-have skills (not a requirement):

- Knowledge/expertise in Machine Learning
- Knowledge/experience with Machine Vision
- Knowledge/experience with generative techniques for synthetic data augmentation
- Knowledge of software design patterns
- Experience as a hands-on software development engineer/scientist in the field of automation/robotics
- Experience developing for Linux and Windows platforms.
- Experience with relational and non-relational databases. Familiarity with SQL is an asset.

- Experience with Agile Scrum workflow
- Experience in full stack development
- Experience with database integration (SQL)

Data Analysis Skills

We would love to see any personal / side projects you have

Nexera Robotics provided the following inclusive hiring information:

We are an equal opportunity employer and consider all qualified applicants equally without regard to race, colour, religion, sex, sexual orientation, gender identity, national origin, veteran status or disability status.

Citizenship Requirement Canadian & Permanent Residents Only

APPLICATION INFORMATION

Application Procedure Through UBC Science Co-op

Cover Letter Required? Optional

Address Cover Letter to Kashish Gupta

Special Application Instructions

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.