

Job Posting:175836 - Position: S26 Machine Learning Co-op 175836

Co-op Work Term Posted:	2026 - Summer
App Deadline	12/18/2025 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	12/05/2025 11:15 AM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	DarkVision Technologies Inc.
Address Line 1	40 Gostick Pl
City	North Vancouver
Postal Code / Zip Code	V7M 3G3
Province / State	British Columbia
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Summer
 Job Title 	S26 Machine Learning Co-op 175836
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	Salary Not Available, 0 Major List
Salary Range \$	4000-4800 cad per month.
Job Description	

Position Description:

We are looking for a Machine Learning Co-op to join our Research and Innovation team for an 8-month term (4-month term can be considered for an exceptional candidate).

As a Machine Learning Co-op, you will work side-by-side with the Research and Innovation team to develop our upcoming ultrasound-based imaging products. You do not need to have previous experience with ultrasound. You will be involved in applying modern deep learning research in areas such as supervised, self-supervised, reinforcement, and representation learning for ultrasound imaging modalities.

You will actively participate in industrial scientific research focused on state-of-the-art ultrasound imaging solutions. You will be working in a multidisciplinary team of scientists and engineers dedicated to advancing ultrasound technology. The ideal candidate is both scientifically minded and pragmatic, with a strong desire to work and grow in a fast-paced technology environment.

Responsibilities:

- **Innovate:** Engage in cutting-edge research, implementing, and developing state-of-the-art deep learning models.
- **Deploy:** Learn how to deploy ML algorithms to end-users, continuously monitor the performance to identify opportunities for improvement.
- **Collaborate:** Work closely with fellow scientists and engineers within the team who will mentor you and support your endeavors. Collaborate within and outside of DarkVision to achieve research objectives.
- **Communicate:** Prepare and deliver presentations and/or technical reports showcasing your work to different audiences.

Opportunities to Learn:

- Applying deep learning to real world industrial datasets containing billions of data points such as images and knowledge bases
- Working with severely imbalanced datasets
- Latest advancements in deep learning
- Scalable cloud infrastructure using AWS
- Converting ideas into intellectual property assets (e.g., patents)

About DarkVision:

DarkVision Technologies Inc. is a Canada-based tech company disrupting the industrial imaging market since 2013. We have created the world's most advanced acoustic-based imaging platform. We are packaging it into multiple new product lines, revolutionizing how our clients quantify and visualize the integrity of their critical assets.

Backed by Koch Industries, one of the world's largest privately held companies, Darkvision's team of Mechanical, Skunkworks, Electrical, Software, and Machine Learning Engineers is rapidly expanding to meet the demand for the company's current and upcoming products. Our employees to work on cutting-edge technologies that blend science with real-world applications.

Building on its commercial success in the downhole market, we are transitioning into a much larger organization and have recently expanded into a state-of-the-art 52,000 sq ft facility in North Vancouver, BC. We are expanding globally by opening offices in the US and Norway. We invite you to join our team for the exciting journey ahead as we become the global leader in industrial imaging.

Why DarkVision:

Here are some of the reasons you'll like working at DarkVision:

- **Well-Funded:** We are backed by Koch Industries - North America's largest privately held company, and actively work with top-tier operators across North America.
- **'A' Players:** Our team is made up of talented, intelligent, and hardworking people. If you're an 'A' player, you'll enjoy the intellectually stimulating, challenging and respectfully competitive atmosphere.
- **Creativity valued:** Our employees enjoy considerable freedom and are encouraged to take calculated risks, fostering a culture that values creativity and out-of-the-box ideas.
- **Supportive mentorship:** Many of our employees have participated in a co-op program themselves. We understand what it takes to ensure your success and personal development during a successful co-op term contributing to the company's achievements.

Job Requirements

Expectations:

- Enrolled in a graduate program or in the **3rd or 4th year** of an undergraduate program in **Computer Science, Computer Engineering**, or a related field.
- **We are also interested in hiring MSc and PhD students in CPSC**
- Good working knowledge of one or more Machine Learning Frameworks (PyTorch, TensorFlow, JAX, etc.)
- Experience with Python beyond basic Machine Learning scripting (i.e., Numpy and Pandas)
- Strong communication and presentation skills.

What will put you ahead:

- Proven track record of developing deep learning architectures from scratch
- Proven track record of applying machine learning to real world problems
- Proven track record of cutting-edge research in any machine learning modality
- Knowledge of optimization in the context of deep learning

Citizenship Requirement N/A

Position Start Date May 04, 2026 12:00 AM

Position End Date December 31, 2026 12:00 AM

APPLICATION INFORMATION

Application Procedure Through UBC Science Co-op

Cover Letter Required? Yes

Address Cover Letter to Mr. Derrell D'Souza