Job Posting:173961 - Position: W26 Machine Learning and Data Analysis Assistant (Co-op student) 173961

Co-op Work Term Posted:	2026 - Winter
App Deadline	10/08/2025 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	10/01/2025 12:53 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	NRC - National Research Council of Canada
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
<b> Job Title <b>	W26 Machine Learning and Data Analysis Assistant (Co-op student) 173961
Position Type	Co-op Position
Job Location	Saskatoon, SK
Country	Canada
Duration	4 months
Salary Currency	CAD
Salary	833.0 per week for 37.5 Major List

Job Description

Student Job Title: Machine Learning and Data Analysis Assistant (Co-op student)

Location: Saskatoon, SK

Length of Term:

This is for the Winter 2026 Co-op work term: January 2026 to April 2026

Student work terms last for approximately sixteen weeks (four months) based on a schedule of 37.5 hours per week.

The NRC/ Aquatic and Crop Resource Development Research Centre

The National Research Council (NRC) is the Government of Canada's largest research organization supporting industrial innovation, the advancement of knowledge and technology development. It represents a powerful partnering option for anyone looking to push the boundaries of science and industry.

The NRC's Aquatic and Crop Resource Development Research Centre helps clients to sustainably convert Canada's natural resources into value-added and sustainable products that offer economic benefits and competitive advantages in global markets. We work directly with clients to realize technological advances with aquatic and crop resources destined for natural health products, foods and beverages, fibres, bioenergy, bioremediation, bio-based chemicals and other bio-product sectors.

Your Challenge As a student joining NRC ACRD, you will undertake career-related projects in an engaging and intellectually-stimulating environment working alongside leading scientists who are passionate about the betterment of the environment.

Job Responsibilities

- Use machine learning algorithms to build predictive and/or classification models to support development of a feedstock analysis system.
- Organize, integrate and analyze datasets from multiple technologies and diverse plant matrices.
- Keep detailed and accurate records of work performed.
- Follow NRC policies for network and device use and data and information management as well as all safety guidelines.
- Must adhere to safe workplace practices at all times.

Salary Range

NRC offers competitive salaries to co-op students based on the number of work terms which have been completed. The weekly rate of pay ranges from $833 to $1,107 for 37.5 hour work week.

Current co-op work term rates are as follows:

Current work term	Weekly rate of pay (37.5 hrs)
First	$833
Second	$900
Third	$948
Fourth	$993
Fifth	$1,052
Sixth	$1,107

The NRC also reimburses students the cost of their travel expenses to and from their employment centre from their education institution.

Notes

The NRC is committed to the principles of employment equity and to achieving a workforce that is representative of the Canadian population. We encourage candidates to self-identify if they are an aboriginal person, a member of a visible minority group, a person with a disability or a woman.

Priority may be given to the following designated employment equity groups: Women, Indigenous peoples* (First Nations, Inuit and Métis), persons with disabilities and racialized persons*.

* The Employment Equity Act, which is under review, uses the terminology Aboriginal peoples and visible minorities.

We thank all students for showing interest in working at NRC ACRD; however, only selected candidates will be contacted.

Job ID# ACRD_Winter2026_11

Job Requirements

Required Skills

1. Competence in the use of machine learning algorithms.
2. Competence in data analysis and statistics.
3. Competence in python or R programming languages.
4. Ability to work independently and as part of a research team.
5. Ability to communicate results and challenges within a multidisciplinary team.

Targeted Degrees and Disciplines

• BSc in Computer Science, BSc Data Science, BSc Data Analytics or related fields.

Who is Eligible

You are eligible for the NRC Co-op Program if you attend a Canadian university/college, are enrolled in a recognized co-op program, possess a minimum of a B average and are a Canadian citizen or a permanent resident of Canada.

Alternatively, foreign national students who meet the eligibility requirements, are studying in a recognised and eligible Canadian educational institution and possess a valid Co-op Work Permit may also apply.

Condition of Employment:

Security clearance at the Reliability level

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through UBC Science Co-op

Cover Letter Required? Yes

Address Cover Letter to Kristy Tanguay

Special Application Instructions

Application Requirements

Please include the following documents with your application:

• Resume

•Most recent university/college transcript (unofficial is sufficient)