Job Posting:168783 - Position: F25 Machine Learning Software Engineer (Toronto) (4 - 8 months) 168783 E1

Co-op Work Term Posted:	2025 - Fall
App Deadline	05/16/2025 11:59 PM
Application Method:	Through Employer Website
Posting Goes Live:	05/06/2025 09:27 AM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Borealis AI (RBC)
Address Line 1	777 Bay St
City	Toronto
Postal Code / Zip Code	M5B 2H7
Province / State	ON
Country	Canada

JOB POSTING INFORMATION

Placement Term	2025 - Fall
<b> Job Title <b>	F25 Machine Learning Software Engineer (Toronto) (4 - 8 months) 168783 E1
Position Type	Co-op Position
Job Location	Toronto, ON
Country	Canada
Duration	4 or 8 months
Work Mode	To be confirmed
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List

Job Description

What's the opportunity?

We're looking for an enthusiastic software engineer who's excited by the opportunity of being at the forefront of machine learning technology, and working on extremely challenging problems. As a Co-op Machine Learning Software Engineer, you'll be involved a project end to end - everything from data pre-processing to implementing machine learning algorithms and front-end development.

At RBC Borealis, you'll be joining a team that works directly with leading researchers in machine learning, has access to rich and massive datasets, and offers the computational resources to support ongoing development in areas such as reinforcement learning, unsupervised learning and computer vision. You can find out more about our research areas at rbcborealis.com.

Your responsibilities include:

• Building machine learning-based software solutions for solving important problems;
•Collaborating with research and business teams to converge on the best ;
•Optimizing algorithms and prototypical solutions for efficient implementation;
•Extending prototypes into fully functional, polished solutions ready for internal and/or external use;
•Supporting projects with thorough documentation of usage, design decisions and capabilities;

•Extracting, transforming and loading massive datasets using distributed computing framework technologies (Hadoop, Spark, etc.);

What's in it for you?

• Become part of a team that thinks progressively and works collaboratively. We care about seeing each other reach full potential;

•Ability to make a difference and lasting impact from a local-to-global scale.

About RBC Borealis

RBC Borealis is the driving force behind Royal Bank of Canada's AI and data innovation. As part of Canada's largest financial institution, we bring together a team of architects, engineers, scientists, and product experts on a mission to revolutionize finance through world-class research, solutions, and a resilient data platform. With locations across Toronto, Waterloo, Montreal, Calgary, and Vancouver, we're at the forefront of AI research and platform development. With a focus on cutting-edge research in areas like time series forecasting, causal machine learning, and responsible AI, we are seamlessly integrating AI research and data engineering, to solve critical challenges in the financial industry. We are building intelligent, and scalable, data-driven solutions that will help communities thrive and drive innovation for our customers across the bank.

Inclusion and Equal Opportunity Employment

At RBC, we embrace diversity and inclusion for innovation and growth. We are committed to building inclusive teams and an equitable workplace for our employees to bring their true selves to work. We are taking actions to tackle issues of inequity and systemic bias to support our diverse talent, clients and communities.

We also strive to provide an accessible candidate experience for our prospective employees with different abilities. Please let us know if you need any accommodations during the recruitment process.

*We encourage you to apply as soon as possible as we accept applications on a **rolling basis**, but please note that the formal application deadline is **May 16, 2025**. Should you be selected to progress, someone from our team will reach out directly to provide instructions on next steps. Otherwise, feel free to check for progress updates by logging in to your RBC profile. If the status has not changed, it denotes the fact that your application is still under review.*

Job Requirements

You're our ideal candidate if you:

• Are working on a bachelors or masters degree in Computer Science, Computer Engineering, Software Engineering, or equivalent;

•Have some software development experience (including co-op and internships);

•Have experience with writing software in one of the major languages such as C++, C#, Java, Python;

•Have familiarity with the Unix command line and bash scripting;

•Experience with Deep Learning packages such as Tensorflow, Theano, Keras and PyTorch is an asset;

•Exposure to distributed computing frameworks (e.g. Hadoop, Spark) as well as SQL, NoSQL and graph databases is an asset;

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Special Application Instructions

Please click the "I intend to apply to this position" button on SCOPE and also submit your application via the employer's website.

Application Link: https://jobs.rbc.com/ca/en/job/R-0000123516/2025-Fall-Student-Opportunities-Borealis-AI-Machine-Learning-Software-Engineer-4-Months

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.

Application Deadline: 2025-05-17

Note: *Applications will be accepted until 11:59 PM on the day prior to the application deadline date above*