Job Posting:166033 - Position: S25 5G AIML Software Developer Co-op 166033 E1

Co-op Work Term Posted:	2025 - Summer
App Deadline	02/28/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	02/13/2025 10:48 AM
Job Posting Status:	Expired

ORGANIZATION INFORMATION

Organization	Ericsson
Address Line 1	4333 Still Creek Drive
City	Burnaby
Postal Code / Zip Code	V5C 6S6
Province / State	BC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2025 - Summer
<b> Job Title <b>	S25 5G AIML Software Developer Co-op 166033 E1
Position Type	Co-op Position
Job Location	Ottawa, ON
Country	Canada
Duration	8 or 12 months
Work Mode	Hybrid
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List

Job Description

Job Title: 5G AIML Software Developer Co-op

Job ID: 759969

Duration(months): 8, 12 or 16 are possible

** Request ** Please indicate in your application resume, or a cover letter, how many months you are available for. Since there is a lot to learn, we are seeking students available for eight months or longer. Please include your most recent transcripts in your application.

About this opportunity

As the tech firm that was instrumental in creating the mobile world, and with more than 54,000 patents to our name, we've made it our business to make a mark. When joining our team at **Ericsson** you are empowered to learn, lead, and perform at your best, shaping the future of technology. This is a place where you're welcomed as your own perfectly unique self, and celebrated for the skills, talent, and perspective you bring to the team. Come and be where it begins!

Exciting features about our Canada co-op program include:

• Challenging & interesting work

•Social & networking events

•Internal projects

•Peer & senior level networking

•Collaborative, helpful work teams

- Beautiful modern campus, plus work from home, as needed
- Lots of extra activities for employees to participate in
- Evaluated as a best employer in Canada, multiple times
- Opportunities for full time employment down the road

What you will do

- Utilizing cutting-edge supervised and/or reinforcement learning algorithms to effectively tackle complex challenges in the 5G Wireless Physical Layer and Radio Resource Management layers.
- Collaborating with experts to enhance and refine the performance of AI-integrated system-level wireless simulators.
- Researching new software development tools and technologies and guide development by identifying and implementing approved new software tools and/or technologies in compliance with industry standard methodologies.
- Contributing to Innovation and Ericsson Invention Disclosures and Patents

This position reports to Product Development Leader.

Why join Ericsson?

At Ericsson, you´ll have an outstanding opportunity. The chance to use your skills and imagination to push the boundaries of what´s possible. To build solutions never seen before to some of the world's toughest problems. You´ll be challenged, but you won't be alone. You´ll be joining a team of diverse innovators, all driven to go beyond the status quo to craft what comes next.

What happens once you apply?

Click Here to find all you need to know about what our typical hiring process looks like.

Job Requirements

You will bring

- Knowledge in wireless communications and machine learning.
- Experience in Machine Learning techniques such as reinforcement learning, federated learning, transfer learning, deep learning, imitation learning, multi-agent systems, pattern recognition, classification, GAN, DQN, LSTM, SVM, random forest, etc.
- Strong knowledge of Transformers: Demonstrated understanding of Transformer architecture, its variants, and practical applications.
- Familiarity with Large Language Models
- Experience with ML frameworks such as TensorFlow, PyTorch, Keras.
- Experience in data preprocessing, cleaning, and feature engineering.
- Experience working with system-level cellular communication simulators.
- Basic understanding of LTE & NR 3GPP specifications, especially in the areas of the Physical Layer, Radio Resource Management and Mobility.
- Strong analytical and problem-solving skills.
- Excellent written and verbal communication, problem solving, interpersonal, time management, and multitasking skills.
- Capability to understand and propose solutions for new and complex problems.
- Outstanding team player who can also work autonomously.

Citizenship Requirement   N/A

APPLICATION INFORMATION

Application Procedure   Through Employer Website
Cover Letter Required?   Yes
Address Cover Letter to   Hiring Manager
Special Application Instructions

Application Link:

https://jobs.ericsson.com/careers/job/563121762634052
Please click the "I intend to apply to this position" button on SCOPE and also submit your application via the employer's website. 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.