Job Posting:166432 - Position: S25 Radio Algorithm Co-op 166432

Co-op Work Term Posted:	2025 - Summer
App Deadline	02/13/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	01/30/2025 01:13 PM
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 Radio Algorithm Co-op 166432
Position Type	Co-op Position
Job Location	Ottawa, ON
Country	Canada
Duration	12 or 16 months
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List

Job Description

Job Title: Radio Algorithm Co-op
Job ID: 761971
About this opportunity:
We are looking for a co-op student to join BNEW Radio Technology Platform Module (algorithms) in Ottawa for 12- 16 months. You will work with a wide network of designers, specialists, and researchers across the global radio development organization to solve sophisticated technical challenges and develop innovative new technologies for our world-leading multi-standard radio products. The right person should understand the big picture, have a detailed drive, and a pragmatic way of dealing with all types of challenges.
What you will do:
• Work with team members to develop and implement efficient Algorithms (including machine learning) for radio products.
•Develop Simulation strategies and methodologies and follow through with execution.
•Set up Prototype software and hardware test beds, systems, and environments.
•Execute HW/SW tests in a lab environment and gather data for analysis.
•Perform data and result analysis by extracting relevant content from test results and data log files.
•Work closely in a hands-on manner with hardware and systems designers.
•Assist in formal documentation of requirements and traceability.
•Assist in troubleshooting and solving product issues.
•Participate in team product/process reviews.
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

The skills you bring:

• You are currently a student in Electrical Engineering, Computer Engineering, Computer Science, or a similar discipline with a GPA 3.0 (out of 4) or higher, MSc preferred.
•Previous experience with Data analytics, and Machine learning frameworks such as TensorFlow, Keras, PyTorch, and scikit-learn is needed.
•Skills in FPGA design and DSP software development would be an asset.
•Good understanding of signal processing, digital and analog HW design, and SW design methodology.
•Good handle of C and C++ programming languages. (optional).
•Familiar with scripting languages such as Shell Scripting, Perl, Python, etc.
•Knowledge of Matlab.
•Linux/Unix-based software development environment.
•Hands on working in the lab environment.
•Excellent English communication skills.

You might also have:

• Establishing a prototype development environment including software build, software repo, tools, etc. would be an asset.
•Real-Time and Distributed Computing Systems Design.
•Experience in using test equipment such as signal analysis, and signal generators would be an asset.
•Skills in Performance analysis tools (CPU & Memory) would be an asset.
•Knowledge of Object-oriented design would be an asset.

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/563121763380949-radio-algorithm-co-op-ottawa-ontario-canada

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.