Job Posting:172242 - Position: W26 Design Automation Co-op 172242

Co-op Work Term Posted:	2026 - Winter
App Deadline	09/12/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	08/26/2025 04:59 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Skyworks Solutions
Address Line 1	1145 Innovation Drive
City	Kanata
Postal Code / Zip Code	K2K 3G8
Province / State	Ontario
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
<b> Job Title <b>	W26 Design Automation Co-op 172242
Position Type	Co-op Position
Job Location	Ottawa, ON
Country	Canada
Duration	12 months
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List
Salary Range $	CAD $25.00 - $44.00 per hour
Job Description	

Design Automation 12 -Month Co-Op (Jan '26 - Dec '26)
Description
We are seeking a highly motivated and detail-oriented student to join our Ottawa design team as a Design Automation Co-Op from January - December 2026. This role focuses on developing Python-based automation tools for electromagnetic (EM) design workflows.
You'll collaborate with experienced engineers to parameterize passive EM/RF structures (e.g., baluns), automate their layout in HFSS, and build optimization workflows using machine learning techniques. Depending on project needs, you may also support automation efforts involving packaging and circuit simulation tools.
Term: 12-month Co-Op (Jan '26 - Dec '26)
Responsibilities
• Develop Python scripts to automate EM design workflows using tools such as HFSS.
•Parameterize passive RF structures and implement automated drawing routines.
•Build and apply machine learning models for design tuning and optimization.
•Collaborate with RF and EM engineers to validate and refine automation tools.
•Support packaging automation using tools like Allegro APD.
•Document code and workflows to ensure scalability and future usability.
•Present progress and findings to the design team.

The typical pay range for an intern is currently CAD $25.00 - $44.00 per hour. Starting base pay will depend on level of education and the ultimate job duties and requirements.

Job Requirements

Required Experience and Skills

• Enrolled in a B.S., M.S., or Ph.D. program in Electrical Engineering, Physics, Computer Science, or a related field.

•Strong programming skills in Python.

•Solid understanding of mathematics including complex numbers, linear algebra, and statistics.

•Understanding of optimization techniques.

•Interest or experience in machine learning.

•Excellent problem-solving and communication skills.

•Ability to work onsite in Ottawa for the duration of the co-op term.

Desired Experience and Skills

• Familiarity with EM simulation tools (e.g., HFSS) and electromagnetic theory, especially in the context of passive RF components like baluns.

•Experience automating CAD or simulation workflows.

•Exposure to packaging tools such as Allegro APD.

Citizenship Requirement   N/A

APPLICATION INFORMATION

Application Procedure   Through Employer Website

Cover Letter Required?   Optional

Special Application Instructions

Please apply via the link here:

https://careers.skyworksinc.com/job/Ottawa-Design-Automation-12-Month-Co-Op-%28Jan-%2726-Dec-%2726%29-

ON/1320117700/?feedId=177000&utm_source=LinkedInJobPostings&utm_campaign=Skyworks_LinkedIn

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.