

Job Posting:167526 - Position: S25 Internship - Artificial Intelligence for Space Systems Engineering 167526

Co-op Work Term Posted:	2025 - Summer
App Deadline	03/12/2025 11:59 PM
Application Method:	Through Employer Website
Posting Goes Live:	02/28/2025 04:14 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Canadian Space Agency
Country	Canada

JOB POSTING INFORMATION

Placement Term	2025 - Summer
 Job Title 	S25 Internship - Artificial Intelligence for Space Systems Engineering 167526
Position Type	Co-op Position
Job Location	Remote
Country	Canada
Duration	4 months
Work Mode	Fully Remote
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List

Job Description

The Canadian Space Agency is seeking a student intern to support the development of AI applications for space systems engineering in the WildFireSat and TICFIRE projects. The intern will assist in data analysis, AI model development, and system optimization to enhance mission capabilities in wildfire monitoring and infrared remote sensing.

Job Requirements

Required skills:

Requirements:

Currently enrolled in a bachelor's degree program in engineering, computer science, data science, or a related field
Knowledge of artificial intelligence (AI), machine learning, large language models, and computer science concepts
Strong research and analytical skills, with the ability to evaluate and apply emerging AI technologies
Interest in space systems engineering, remote sensing, or Earth observation
Ability to work independently and collaboratively in a multidisciplinary team

Assets:

Familiarity with satellite data, remote sensing techniques, and Earth observation applications
Understanding of AI ethics, bias in machine learning, and responsible AI development
Strong communication skills to convey technical concepts to diverse audiences
Interest in applying AI to real-world space challenges

Citizenship Requirement

N/A

APPLICATION INFORMATION

Application Procedure

Through Employer Website

Special Application Instructions

Apply for job here: Internship - Artificial Intelligence for Space Systems Engineering

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.