

Job Posting: 178078 - Position: S26 Artificial Intelligence and Human Factors Intern 178078

Co-op Work Term Posted:	2026 - Summer
App Deadline	02/12/2026 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	02/05/2026 03:05 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Canadian Space Agency
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Summer
 Job Title 	S26 Artificial Intelligence and Human Factors Intern 178078
Position Type	Co-op Position
Job Location	Longueuil, QC
Country	Canada
Duration	4 months
Work Mode	Hybrid
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List

Job Description

This position will be part of the Canadian Space Agency's Satellite Operations team. The intern will contribute to the implementation of human factors, system ergonomics, and Human-AI interaction practices to ensure the production deployment of artificial intelligence capabilities involving large language models (LLM), deep machine learning, and operational data analytics.

Duties may include:

- Contributing to the evaluation, improvement, and design of interactive interfaces by integrating human factors principles and artificial intelligence approaches to optimize user experience, performance, and security.
- Participating in the definition of user profiles and usage scenarios.
- Gathering functional and ergonomic requirements from users or project teams.
- Identifying critical points in human-machine interaction (cognitive load, errors, attention, etc.).
- Selecting data science algorithms that provide user decision support in satellite operational processes, taking into account human limitations in the presence of increased autonomy.
- Conducting ergonomic analyses of human-AI interaction interfaces.
- Observing and documenting user behaviour during tests or simulations.
- Proposing ergonomic and cognitive recommendations based on the analyses.
- Writing analysis reports (human factors, UX, AI metrics).

Job Requirements

- Requirements:
- Thorough understanding of cognitive ergonomics and human-computer interaction principles.
- Experience working with a variety of data sets, including aspects of data science and machine learning.
- Ability to effectively solve problems independently.
- Show initiative and be action oriented.

- Experience in artificial intelligence and human factor engineering.
- Experience working within a multidisciplinary team.
- Familiarity with UX and human factor analysis tools and methods.
- Experience with the artificial intelligence lifecycle.
- Practical application of data science techniques to human behavior.
- Knowledge of large language models (LLMs).
- Interdisciplinary approach between cognitive psychology, artificial intelligence, and software engineering.

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://www.asc-csa.gc.ca/eng/jobs/search-internships.asp>

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.