Job Posting: 176752 - Position: S26 Co-op student - AI Robotics and UAS Engineer 176752

Co-op Work Term Posted:	2026 - Summer
App Deadline	01/19/2026 11:59 PM
Application Method:	Through Employer Website
Posting Goes Live:	01/08/2026 12:37 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	NRC - National Research Council of Canada
Address Line 1	Building M-58 - 1200, Montreal road
City	Ottawa
Postal Code / Zip Code	K1A 0R6
Province / State	Ontario
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Summer
<b> Job Title <b>	S26 Co-op student - AI Robotics and UAS Engineer 176752
Position Type	Co-op Position
Job Location	Montreal, QB
Country	Canada
Duration	4 months
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List

Job Description

Job Title: Undergraduate Research Intern - AI Aerial Robotics
City: Montréal
Organizational Unit: Aerospace
Classification: Coop Student/Intern
Tenure: Term
Duration: 4 months
Language Requirements: English
Work Arrangements: Due to the nature of the work and operational requirements, this position will require full-time physical presence at the NRC work location identified.
Your Challenge
Great Minds. One Goal. Canada's Success.
Help bring research to life and drive your career forward with the National Research Council of Canada (NRC), Canada's largest research and technology organization.
Position Overview
We are seeking a motivated undergraduate intern to support research and development efforts in development of **AI aerial robotics systems**. The intern will work closely with engineers and researchers on cutting-edge projects involving uncrewed aerial vehicles (UAVs), contributing to both technical development and research dissemination
Responsibilities

• Develop and evaluate solutions for aerial robotics systems and counter UAV applications, including:
• UAV Control and motion planning
•Computer vision and perception
•Design and training AI Machine Learning models for perception and control
•UAV swarming and coordination
•Perform literature survey and author or co-author technical reports and academic papers (when applicable)
•Assist in the development of research presentations and demonstrations to external partners and stakeholders.
•Assist and participate in field testing and trials of UAV systems
•When necessary, travel to client or partner sites to support technology deployment and conduct interface and/or system integration testing.

The NRC Advantage

The National Research Council of Canada (NRC) is the Government of Canada's largest research organization supporting industrial innovation, the advancement of knowledge and technology development. We collaborate with over 70 colleges, universities and hospitals annually, work with 800 companies on their projects, and provide advice or funding to over 8000 Small and Medium-sized Enterprises (SMEs) each year.

We bring together the brightest minds to deliver tangible impacts on the lives of Canadians and people around the world. And now, we want to partner with you. Let your expertise and inspirations make an impact by joining the NRC.

At the NRC Employee wellness matters. We offer flexible work schedules as well as part-time work to help employees maintain work-life balance. We are one of the few federal organizations that close our offices during the December holiday season. We offer professional learning and development opportunities such as conferences, workshops, and a suite of mentorship, award and recognition programs. Diversity enables creativity and innovation. Fostering a diverse, inclusive, welcoming and supportive workplace is important to us, and contributes to a more inclusive Canadian innovation system. We welcome all qualified applicants and encourage you to complete the employment equity self-declaration questions during the job application process. Please let us know of any accommodation measures required to help you to be assessed in a fair and equitable manner. Please note that the information you provide will be treated confidentially.

Help us solve problems for Canada. Grow your career with us today!

Internship experience

The successful candidate will gain:

• Hands-on experience with advanced aerial robotics research.
•Exposure to proposal development and academic publishing.
•Opportunities to present work in professional technical forums.

Brochure: A better Canada and world through excellence in research and innovation - National Research Council Canada

https://nrc.canada.ca/en/research-development/research-collaboration/research-centres/aerospace-research-centre

Salary

Salary is determined based on the student's work term. Please visit the link below to view the salary levels:

Rates of pay - students (canada.ca)

Conditions of Co-op Program Employment

• Student must be enrolled in a Canadian university/college with a recognized coop program.
•Student must possess a minimum of a "B" average and must submit an official transcript at time of application.
•Open to Canadian Citizens or Permanent Residents of Canada. Additionally, foreign national students who meet the eligibility requirements, are studying in a recognized and eligible Canadian educational institution and possess a valid Co-op Work Permit may also apply.
•For more information and requirements to work as a coop student or intern, please refer to the website: Work as a co-op student or intern - Canada.ca
•Student must obtain and retain a reliability security clearance.
• The incumbent must adhere to safe workplace practices at all times.

Job Requirements

Preferred Study Level: 3rd or 4th year

Field of Study: Aerospace Science and Engineering, Computer Science, Software Engineering

Qualifications

• Currently pursuing a bachelor's degree in Aerospace Engineering, Robotics, Computer Science, Electrical Engineering, Mechanical Engineering, or a related field.

•Strong interest in robotics, UAVs, or autonomous systems.
•Strong written and verbal communication skills.
•Ability to work independently as well as collaboratively in a research team environment
•Experience with ROS, Python, C/C++, MATLAB, or similar tools.
•Familiarity with UAV platforms or simulation environments.
•Prior research experience or technical writing experience.

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://nrc.canada.ca/en/corporate/corporate-overview/brochure-better-canada-world-through-excellence-research-innovation

Application Requirements

In order to be considered for the Co-op program, please include the following in your application. Failure to do so will result in your application being excluded from searches. We will accept the most recent university/college transcript available. Please ensure that your full name is clearly indicated on your transcript:

• Resume
•Transcript

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.