Job Posting:174602 - Position: W26 AI Co-op Student (January 2026) 174602B

Co-op Work Term Posted:	2026 - Winter
App Deadline	10/26/2025 11:59 PM
Application Method:	Through Employer Website
Posting Goes Live:	10/20/2025 04:30 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	4AG Robotics
Address Line 1	1271 6 Ave NE
City	Salmon Arm
Postal Code / Zip Code	V1E 2S5
Province / State	BC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
<b> Job Title <b>	W26 AI Co-op Student (January 2026) 174602B
Position Type	Co-op Position
Job Location	Salmon Arm, BC
Country	Canada
Duration	4 months
Salary Currency	CAD
Salary	0.0 per hour for 0 Major List
Salary Range $	52,000 - 64,480 CAD per year

Job Description

About Us

At 4AG Robotics, we're wired for solving tough problems - and mushroom harvesting with robots is about as tough as it gets. We solve the critical labour shortage for farms by building robots that pick, trim and pack mushrooms.

We are a team of builders that like to move fast and embrace the uncertain process of innovation - because every breakthrough comes with a few mistakes along the way. Our robots are already working on six of the world's largest mushroom farms - and this is just the beginning.

If you love tech, thrive on innovation, and have a passion for building and bringing it to life in the real world in a commercial space, you'll find your spot here. Join us and help reshape the future of farming with grit, brains, and a team that actually gets things done.

The Opportunity

Join 4AG Robotics as an AI Software Developer Co-op and help bring our farm-proven robotics products to life. This is a unique chance to work alongside a collaborative engineering team on real-world applications of computer vision and AI in agriculture. You'll contribute to projects that directly impact our robot operations, farm monitoring systems, and the future of automation in mushroom farming. This role is perfect for students eager to grow their technical skills while contributing to innovative products in a fast-paced environment.

What You'll Do

• Collaborate with engineers, designers, and project managers to develop software solutions for our robotics products.

•Assist with image collection, processing, and dataset creation, including masks and augmentation, to train robust computer vision

models.
•Build and enhance software applications, from web-based robot diagnostic tools to customer-facing farm monitoring dashboards.
•Apply computer vision models and learn to deploy ensemble techniques for improved model performance.
•Support the full software stack, including front-end and back-end interactions, and contribute to overall user experience design.

What Success Looks Like

• High-quality, reliable datasets created and maintained for computer vision tasks.
•Software features and tools that improve the functionality and usability of our robotics systems.
•Clear collaboration with team members, contributing ideas and solutions that help the team meet project goals.
•Growth in technical skills, including Python, C++, and machine learning model deployment.
•Confidence in applying and iterating on computer vision models, learning best practices for real-world AI applications.

Why This Role Matters

At 4AG Robotics, we're redefining what's possible in agriculture through robotics, computer vision, and AI. The work you do will directly contribute to building reliable, efficient systems that make mushroom harvesting safer and more sustainable.

• **Competitive pay:** Annual salary range: $52,000- $64,480, based on experience.
•**Work-life balance:** Flexible environment focused on results, not timesheets.
•**Time to recharge:** Paid vacation and statutory holidays.
•**Growth mindset:** Ongoing learning and development encouraged year-round.
•**Relocation support:** Financial assistance available for students moving to Salmon Arm, BC, for the term.

What We Believe

If you're the type who likes to take chances, move at speed, and see your ideas come to life, you'll feel right at home here. At 4AG, we're not big on rules for the sake of rules - we'd rather trust you to make bold calls, keep it real with your team, and turn imagination into something game-changing. This isn't a place to play it safe; it's a place to build, break, fix, and build again - while having a great time doing it.

The pay range for this role is:
52,000 - 64,480 CAD per year (Salmon Arm)

Job Requirements

What You Bring

• Currently pursuing a degree in Computer Science, Computer Engineering, or a related field.
•Creative, product-focused thinking with an eye for how software interacts with electromechanical systems.
•Familiarity with Python, C++, Keras, image annotation tools, and basic computer vision theory.
•Experience with Unix/Linux environments, particularly Ubuntu, and exposure to NVIDIA frameworks is a plus.
•Strong problem-solving skills, adaptability, and the ability to collaborate in a fast-paced team environment.

Technical Skills You'll Use and Grow

• Python and C++ programming for software development and model deployment.
•Machine learning and computer vision techniques, including model training, sliding windows, augmentation, learning rate tuning, and early stopping.
•Dataset creation and management, including image collection, annotation, and augmentation.
•Linux/Ubuntu environments and NVIDIA tools for AI development.
•Web development for dashboards and robot diagnostics, with exposure to front-end and back-end integration.

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website
Cover Letter Required? Yes

Special Application Instructions

Application Link: https://ats.rippling.com/en-CA/4ag/jobs/551e3b90-8819-472b-908e-6265d17087bc

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.