

Job Posting:169839 - Position: F25 Software Co-op Student 169839B

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| Co-op Work Term Posted: | 2025 - Fall |
| App Deadline | 06/03/2025 09:00 AM |
| Application Method: | Through Employer Website |
| Posting Goes Live: | 05/20/2025 03:16 PM |
| Job Posting Status: | Approved |

ORGANIZATION INFORMATION

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| Organization | 4AG Robotics |
| Address Line 1 | #110 2960 Okanagan Ave SE |
| City | Salmon Arm |
| Postal Code / Zip Code | V1E 1E6 |
| Province / State | BC |
| Country | Canada |

JOB POSTING INFORMATION

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|---------------------------------------|------------------------------------|
| Placement Term | 2025 - Fall |
| Job Title | F25 Software Co-op Student 169839B |
| Position Type | Co-op Position |
| Job Location | Salmon Arm, BC |
| Country | Canada |
| Duration | 4 months |
| Work Mode | To be confirmed |
| Salary Currency | CAD |
| Salary | 0.0 per hour for 0 Major List |
| Salary Range \$ | \$21-31 per hour |
| Job Description | |

About Us

4AG Robotics is a fast-growing startup revolutionizing mushroom harvesting with innovative robotics. Driven by creativity, collaboration, and excellence, we make quick, smart decisions to stay at the forefront of technology. As we strive to become the global leader in mushroom robotics, we embrace challenges as opportunities. We're seeking someone who shares our passion for problem-solving and is excited to tackle challenges head-on with a "let's figure it out" mindset.

About the role

As a Software Co-op Student at 4AG Robotics, you will become an integral part of our software development team. You'll contribute to the design, development, testing, and deployment of software systems that power our robotic harvesters. Whether you're working on back-end architecture, computer vision, robot controls, or user interfaces, your contributions will have a direct impact on our technology and our customers.

This is a hands-on role where you will be expected to take initiative, learn quickly, and work collaboratively with teammates across engineering disciplines.

What you will work on

Your responsibilities may include:

- Developing and maintaining Typescript-based code for web interfaces or C++ code for robotic/data systems

- Collaborating with team members on algorithm development for perception and control
- Writing unit tests and performing code reviews to ensure high-quality software
- Assisting with integration and testing on real robots in the lab and at farms
- Supporting data collection, analysis, and visualization for system improvements
- Working with modern development tools including Git and Docker in a Linux environment
- Participating in daily stand-ups, release planning, and design discussions

Job Requirements

Qualifications

- Currently enrolled in a Computer Science, Software Engineering, Mechatronics, or related co-op program
- Experience with C++ or Typescript
- Familiarity with Linux and Git
- Strong communication skills and ability to work collaboratively
- Curiosity, initiative, and a willingness to learn - we value potential as much as experience

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: Software Co-op Student

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.