## Job Posting:169841 - Position: F25 AI Co-op Student (Fall 2025) 169841B

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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 03:19 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 |
| **<b> Job Title <b>** | F25 AI Co-op Student (Fall 2025) 169841B |
| **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.

**Team Focus**

We need bright and driven students in a variety of software roles to help take our farm-proven robotics products to market. The AI Software developer student will work with the software team to design and build applications for both dataset augmentation, computer vision model deployments. In this role, you will help design the user experience for both look and feel, as well as function. You will also work with the team to support the interaction between the front and the backend and support the entire software stack. The ideal candidate can easily adapt to a fast-paced environment as well as collaborate with senior staff.

**Responsibilities**

• Collaborate with Engineers, Designers, and Project Managers on the Engineering Team.
•Assist other team members with image collection, processing, masks and augmentation.

•Envision and create highly reliable datasets using modern paradigms and tools.
•Build and contribute support to software ranging in scope from web-based robot diagnostic tools to customer farm monitoring dashboards.
•Basic understanding of computer vision models, how to apply them.
•Sometimes one model isn't enough. We love ensemble models; we'll walk you through how (and when) to use ensemble techniques for our machine learning models.

### Job Requirements

**Qualifications**

• Product-focused creative thinking.
•The ability to visualize the interactions and interfaces between software and electromechanical systems.
•Bachelor's degree in computer engineering or computer science professional path. University or college.
•Familiar with Python, Keras, and image annotation tools
•Solid understanding of computer vision theory, a sliding window, augmentation, IR, and an early stop…
•Unix Ubuntu experience in the Nvidia framework.
•Strong programming skills in C++ and Python.
•Familiar with software development and deployment from a Linux environment.

**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: AI Co-op Student (Fall 2025)
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.