Job Posting:171992 - Position: W26 AI S/W Engineer Co-op 171992

Co-op Work Term Posted:	2026 - Winter
App Deadline	09/02/2025 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	08/18/2025 02:43 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Solidigm
Address Line 1	900 - 450 SW Marine Drive
City	Vancouver
Postal Code / Zip Code	V5X 0C3
Province / State	BC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
<b> Job Title <b>	W26 AI S/W Engineer Co-op 171992
Position Type	Co-op Position
Job Location	Vancouver, BC
Country	Canada
Duration	8 or 12 months
Work Mode	Hybrid
	To be confirmed
Salary Currency	CAD
Salary	Salary Not Available, 40 Major List
Salary Range $	$59,500 to $72,300 per year
Job Description	

Company Profile

Join a multibillion-dollar global company that brings together amazing technology, people, and operational scale to become a powerhouse in the memory industry. Headquartered in Rancho Cordova, California, Solidigm combines elements of an established, successful technology company with the spirit, agility, and entrepreneurial mindset of a start-up.

In addition to the U.S. headquarters and other facilities in the U.S., the company has international presence in Asia, Europe, and the Americas. Solidigm will continue to lead the world in innovating new Memory technologies with aspirations to be the #1 NAND memory company in the world. At Solidigm, we view problems as opportunities to define innovative solutions that hold the power to change the world and unleash the potential technological needs that the future holds.

At Solidigm, we are One Team that fosters a diverse, equitable, and inclusive culture that embraces individual uniqueness and empowers us to bring our best selves to deliver excellence in support of Solidigm's vision and mission to be the go-to partner for optimized data storage solutions. You can be part of the takeoff of an innovative business that develops cutting-edge products, delivers strong business value for customers, provides an engaging workplace for its employees, and serves a greater impact on the world.

This is a golden opportunity for the right applicant to join us and help design, build, and lead Solidigm. We want a diverse team of dedicated professionals who will not just be Solidigm team members but contribute to how we shape the future of the organization.

We are seeking applicants who will grow and thrive in our culture: be customer inspired, trusting, innovative, team-oriented, inclusive, results driven, collaborative, passionate, and flexible.

Vancouver Office

Located in South Vancouver's urban town center at Cambie Street and SW Marine Drive, the Solidigm site features direct access to the Canada line, bus transit, shops, restaurants, health care facilities and a movie theater. The site is also a quick 15 minute Skytrain ride from downtown Vancouver. Solidigm co-ops will have access to a fully equipped gym on site, massage chair, board games, foosball, ping-pong table and an arcade machine. We offer a tremendous amount of learning opportunities for the ideal self-starter to challenge themselves in a supportive and collaborative working environment. Solidigm promotes a strong work-life balance through events and club activities for co-ops to engage in.

The Vancouver team plays a critical role in supporting the Solidigm vision through our capabilities in SoC Design, Firmware Development, as well as SSD Hardware and Mechanical designs.

Position Description

A co-op term with the DCE (Data Center Engineering) group is a challenging and rewarding experience, allowing you to gain knowledge and skills in the design and test of integrated circuit and module products for the next generation of SSDs. As a member of our AI SW team, you will work alongside experienced engineers to solve new and interesting problems, making an important contribution to our exciting high-performance SSD projects. Please note that Solidigm has a hybrid work policy however Vancouver co-ops are expected to be in the office for a minimum of 4 days per week with the option of working 1 day from home, subject to approval from your manager.

The AI S/W Engineer Co-op position(s) for this listing is as follows:

AI S/W Engineer Co-op

We are looking for enthusiastic students with excellent communication and interpersonal skills, strong problem-solving ability, a desire to learn and a good background of AI including machine learning, deep learning, reinforcement learning, and LLMs. Some of the responsibilities of this role will include but are not limited to:

• Work with the firmware team to understand the exact problem which needs to be automated and provide an AI model best suited for that process
• Generate the proper training set with labels (or without for unsupervised or self-supervised learning). In the case of reinforcement learning, define a correct MRDP which captures the essence
• Develop an end-to-end solution using torch, perform the training, validation and then the testing
• Hyper-parameter optimization to ensure that the model is a proper fit

Job assignments will be based on available projects during the work term and on the skills and interests of the student. We encourage both undergraduate and graduate candidates to apply.

We encourage students with relevant work experience (other co-op terms, work experience) to apply.

Job Requirements

Minimum Qualifications
• Solid background in the area of ML/DL, RL and LLMs
• Strong debugging and problem-solving skills
• Strong Python programming experience
• Excellent written and verbal communication skills
• Experience with project-based teamwork

Preferred Qualifications:
• Should have solved some real world problems involving DL, RL and LLMs
• Should have the know-how of how to use different modules in torch or any OS code to create an E2E solution

Citizenship Requirement   N/A

APPLICATION INFORMATION

Application Procedure   Through UBC Science Co-op
Cover Letter Required?   Yes
Address Cover Letter to   Cathy Wong, Administrative Assistant Solidigm 900-450 SW Marine

Drive Vancouver BC V5X 0C3

Special Application Instructions

Notes:
1. Please include a cover letter and recent transcripts with your application.
2. If you are not a permanent resident or Canadian citizen but you are interested in this position, please note down that you are an international student on your resume
3. Please note your work availability on your resume (minimum 8 months availability, please note if available for up to 12 months)