Job Posting:174542 - Position: W26 Software Engineer Co-op 174542

Co-op Work Term Posted:	2026 - Winter
App Deadline	10/27/2025 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	10/20/2025 01:52 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	General Fusion
Website	www.generalfusion.com
Address Line 1	6020 Russ Baker Way
City	Richmond
Postal Code / Zip Code	V7B 1B4
Province / State	BC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
<b> Job Title <b>	W26 Software Engineer Co-op 174542
Position Type	Co-op Position
Job Location	Richmond, BC
Country	Canada
Duration	4 or 8 months
Work Mode	Hybrid
Salary Currency	CAD
Salary	4000.0 per month for 40 Major List
Salary Range $	$3200 - $4000 / month depending on year of study.

Job Description

Position: Software Engineering Co-op
Location: Richmond, BC, Canada
Established in 2002, General Fusion is a global leader in the race to commercialize clean fusion energy. We are pursuing a uniquely practical approach, Magnetized Target Fusion, and aim to provide zero-carbon fusion power to the grid in the early to mid-2030s. Today at our state-of-the-art labs in Richmond, BC, we're operating a groundbreaking fusion demonstration machine called Lawson Machine 26 (LM26), designed to achieve transformational technical milestones and accelerate General Fusion's technology to commercialization. Our path to market is funded by a global syndicate of leading energy venture capital firms, industry leaders, and technology pioneers. Learn more at **www.generalfusion.com**
Start: January 2026
Term: 4-, 8-, 12- or 16-month placements available.
Key Responsibilities:
In this position you will work with General Fusion's Data Systems software team to support the data processing pipeline and analysis tools for data generated by General Fusion's experimental fusion machines. This team has end-to-end responsibility for these on-prem systems. General Fusion is a deep tech startup environment: the Data Systems software team supports a broad group of scientists, diagnosticians, machine operators and plasma physicists performing primary research and developing novel

analytics methods to support the company's focus on building rapidly evolving, first-of-a-kind technologies. As a co-op on the Data Systems software team, your tasks might vary from troubleshooting and fixing bugs to developing internal tools to building new features for data users.

Pay by year of study:

2nd year = $3200 / month
3rd year - $3600 / month
4th year = $4000 / month

Job Requirements

Education: 3rd or 4th year undergraduate students studying Software Engineering, Computer Science, Engineering Physics, or Electrical Engineering.

The ideal candidate:

- You're comfortable in python, have an intuition around experimenting with code and data, and can leverage pandas and matplotlib for making sense of data.
- You are a passionate Linux user, know your way around the command line, git, filesystems, and can bash your way out of any situation
- You thrive in an ambiguous environment with a multidisciplinary team, taking the initiative to challenge yourself, collaborate with others, find new opportunities, and make change
- You are an excellent communicator not only on a deep technical level, but can tell the story and explain the why to different audiences
- You are interested in software development best practices and find yourself reading blogs, discussions, and what is going on in the industry
- You are mission driven and obsessed with working at the cutting edge of physics and software development to create a better future

Preferred skills:

- Python (numpy, scipy, pandas, matplotlib)
- Front end (flask, plotly, html, javascript)
- Linux, bash, git, docker
- Background in math, physics, data analysis, or signal processing

Candidates are encouraged to apply that may not meet all the above points. Let us know why you're the right candidate for us!

Citizenship Requirement	N/A
Position Start Date	January 05, 2026 12:00 AM

APPLICATION INFORMATION

Application Procedure	Through UBC Science Co-op
Cover Letter Required?	Yes
Address Cover Letter to	Chris Philip

Special Application Instructions

Please submit **Resume** and **Cover letter** explaining your interest in General Fusion!
All interviews will be booked virtually and confirmed with shortlisted students directly via email.
Interviews will be ~30 minutes in length.
We thank you for your interest!