

## **Job Posting: 176950 - Position: S26 Software Engineer Co-op 176950**

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|--------------------------------|---------------------------|
| <b>Co-op Work Term Posted:</b> | 2026 - Summer             |
| <b>App Deadline</b>            | 01/19/2026 09:00 AM       |
| <b>Application Method:</b>     | Through UBC Science Co-op |
| <b>Posting Goes Live:</b>      | 01/12/2026 03:22 PM       |
| <b>Job Posting Status:</b>     | Approved                  |

## **ORGANIZATION INFORMATION**

|                               |  |
|-------------------------------|--|
| <b>Organization</b>           | General Fusion   |
| <b>Website</b>                | <a href="http://www.generalfusion.com">www.generalfusion.com</a> |
| <b>Address Line 1</b>         | 6020 Russ Baker Way  |
| <b>City</b>                   | Richmond   |
| <b>Postal Code / Zip Code</b> | V7B 1B4  |
| <b>Province / State</b>       | BC   |
| <b>Country</b>                | Canada   |

## **JOB POSTING INFORMATION**

|                                       |   |
|---------------------------------------|---|
| <b>Placement Term</b>                 | 2026 - Summer                                       |
| <b>&lt;b&gt; Job Title &lt;/b&gt;</b> | S26 Software Engineer Co-op 176950                  |
| <b>Position Type</b>                  | Co-op Position                                      |
| <b>Job Location</b>                   | Richmond, BC  |
| <b>Country</b>                        | Canada  |
| <b>Duration</b>                       | 4 or 8 months                                       |
| <b>Work Mode</b>                      | Hybrid  |
| <b>Salary Currency</b>                | CAD   |
| <b>Salary</b>                         | Salary Not Available, 40 Major List                 |
| <b>Salary Range \$</b>                | \$3200 - \$4000 / month depending on year of study. |
| <b>Job Description</b>                |   |

**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](http://www.generalfusion.com)

**Start:** May 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:** 3<sup>rd</sup> or 4<sup>th</sup> 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** May 04, 2026 12:00 AM

## APPLICATION INFORMATION

**Application Procedure** Through UBC Science Co-op

**Cover Letter Required?** Yes

**Address Cover Letter to** Chantelle Ng

**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!