

Job Posting: 176350 - Position: S26 Biomedical Systems Engineering Co-op 176350

Co-op Work Term Posted:	2026 - Summer
App Deadline	01/19/2026 11:59 PM
Application Method:	Through Employer Website
Posting Goes Live:	01/02/2026 12:27 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Kardium Inc.
Address Line 1	155-8518 Glenlyon Parkway
City	Burnaby
Postal Code / Zip Code	V5J 0B6
Province / State	British Columbia
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Summer
 Job Title 	S26 Biomedical Systems Engineering Co-op 176350
Position Type	Co-op Position
Job Location	Burnaby, BC
Country	Canada
Duration	4 or 8 months
Work Mode	Hybrid
Salary Currency	CAD
Salary	3650.0 per month for 0 Major List
Salary Range \$	\$3,650 - \$4,525 CAD per month
Job Description	

Job Title: Biomedical Systems Engineering Co-op (Hybrid) - May 2026

Job ID: Req #469

Term: May 2026

Duration: 4 or 8 months

Openings: 2 positions

Salary Range: \$3,650 - \$4,525 CAD per month

Application Deadline: **January 19, 2026**

Your opportunity

By joining the Kardium team, you can help make a difference in the lives of millions around the world. We have developed a ground-breaking medical device for the diagnosis and treatment of the most common heart rhythm disorder, atrial fibrillation - which can cause stroke, heart failure, and other heart-related complications.

Kardium's mission is to deliver the best treatment for atrial fibrillation. To achieve this, we have developed The Globe® Pulsed Field System - we have a fantastic technical team that has developed a product with strong, unique, and customer-valued differentiators versus other solutions on the market. We have built connections with key opinion leaders who are already using the Globe System and are helping to tell our story.

We have obtained FDA approval and officially begun the commercial launch of the Globe® Pulsed Field System. This is a pivotal and exciting time in our journey, as we bring this life-changing technology to patients!

As a member of the Systems Analytics team, you will have the opportunity to work across the software, biomedical research, and electrical domains.

Please note, this opportunity is a hybrid work arrangement, located in Burnaby, BC.

Meaningful work you will be a part of

You will engage in activities that develop practical and transferable skills such as:

- Supporting the Systems Analytics team in developing and evaluating systems and algorithms for electrophysiological applications
- Experimental design and execution, with benchtop and computation components
- Data analysis to characterize and improve system performance
- Software design and development
- Jig development

Why work at Kardium?

A meaningful Co-op/Intern term experience, working with truly innovative technology and an ambitious team, combined with:

Making a Difference: Knowing every day that you are making a difference in people's lives by helping treat a condition that debilitates millions worldwide.

Meaningful Work: Gain hands on experience working on projects that make an impact, giving you valuable experience to kickstart your career.

Team Bonding Events: Connect with peers (of 30+ Co-ops) and participate in fun team activities, social events, and monthly Co-op events.

Development & Growth: Collaborating with engaged leaders and multi-disciplinary teams who are committed to your success by mentoring and supporting your development and growth.

Innovative Projects: Be part of cutting-edge projects where you can share your ideas and learn new skills in a fast-paced environment.

Life at Kardium

What makes us a great place to work?

1. Our Purpose
2. Our People
3. Our Culture

At Kardium, we embrace diversity of background, experience, and perspective and we're committed to inclusion and equity at every level. We encourage applications from all qualified candidates who represent the full diversity of all communities.

We collaborate with Employee Resource Groups (ERGs), as volunteer-led groups who share a common dimension of diversity and come together to provide support, education, and other opportunities across Kardium. Examples of our ERGs include Women ERG, Pride ERG, Race Ethnicity & Cultural Heritage (REACH) ERG, Truth & Reconciliation ERG, Persian Community ERG, Chinese ERG, Barangay Kardium (Filipino) ERG, Brazilian ERG and Irish ERG.

As part of your application, we encourage you to note if you require an accommodation for the recruitment process (including alternate formats of materials, accessible meeting rooms or other accommodations). There will be an optional section in the application form where you can provide this information to the recruitment team.

And our employees think we are great too - check out Glassdoor to learn more!

Job Requirements

What you bring to the team

Our Kardium team is smart, creative, and passionate about creating cutting-edge medical devices to help improve people's lives.

We work within a collaborative environment based on trust and respect. And we understand that only by working together can we solve the unsolvable.

You will be successful in this role because you possess these attributes:

- Experience with data analysis techniques and statistics (ex: classification, regression, hypothesis testing)
- Familiar with the principles of experimental design
- Strong mathematics background including linear algebra, numerical methods, and/or calculus
- Theoretical or practical electrical systems knowledge
- Have excellent communication skills
- Have good object-oriented and data analysis programming skills, typically with MATLAB, Java, and/or Python
- Have a keen desire to produce high quality code
- Have a desire to analyze and test electrical systems

- Be highly proactive and able to execute tasks with minimal instruction and guidance
- Be enthusiastic about finding innovative solutions to unforeseen challenges
- Have a history of success working in self-guided and team settings
- Have a high degree of drive and motivation

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Cover Letter Required? Yes

Address Cover Letter to Hiring Manager

Special Application Instructions

Application Link:

<https://jobs.dayforcehcm.com/en-CA/kardium/CANDIDATEPORTAL/jobs/3403>

How to apply

To apply for this position, please upload three separate documents in PDF format via our Careers Page:

1. Cover letter
2. Resume
3. Most recent transcripts (to be combined in one PDF document)

Please note, there are also required questions to be completed, as a part of your overall application.

Application Deadline: **January 19, 2026**

Please click the "I intend to apply to this position" button on SCOPE and also submit your application via the employer's website. 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.