Job Posting:174096 - Position: W26 Software Engineer Co-op 174096

Co-op Work Term Posted:	2026 - Winter
App Deadline	10/14/2025 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	10/06/2025 12:06 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Invinity Energy Systems
Address Line 1	1445 Powell Street
Address Line 2	V5L 1G8
City	Vancouver
Postal Code / Zip Code	V5L 1G8
Province / State	BC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
<b> Job Title <b>	W26 Software Engineer Co-op 174096
Position Type	Co-op Position
Job Location	Vancouver, BC
Country	Canada
Duration	4 months
Work Mode	To be confirmed
Salary Currency	CAD
Salary	47000.0 per year for 0 Major List
Job Description	

About Us: Invinity Energy Systems (LON: IES)

Invinity Energy Systems is the leading global manufacturer of modular vanadium flow batteries for utility-scale energy storage deployments that unlock low-cost, low-carbon renewable energy on demand for businesses, industry and electricity networks around the world. Safe, reliable, durable and economical, Invinity's flow batteries are the most commercially proven alternative to lithium-ion and help to accelerate global progress towards Net Zero. We have commercial projects in Europe, North America, Asia and Australia, with office location in Vancouver, BC and Bathgate, Scotland, London, UK and San Francisco, California.

Job Description

As a software co-op, you will help our team develop systems and tools that we use to automate the operation and maintenance of our battery systems. A large utility-scale battery like ours contains many controllers networked into a unified control system, and managing that in a variety of situations is no easy task! You will help us with Python-based tools (and do some C development if you're enthusiastic) that allow developers, maintenance personnel and advanced users to perform the wide range of tasks needed to test, commission and operate the battery system.

Although this is primarily a software developer position, knowledge and familiarity with electrical concepts is important. Our batteries power the world, so they're not to be taken lightly! In addition, if you're into networking, control systems or linux internals, we have some fun additional tasks for you.

We expect everyone on our team to contribute to our products and process, and we want our co-ops to gain valuable experience

for their careers. If you're looking for interesting and challenging work, this is the place to be. The work you do and the tasks you're assigned depend entirely on your efforts, so the sky is the limit when you're part of our team.

Job Requirements

Qualifications

• Knowledge and experience with Python and networked computing
• Some C coding experience
• Knowledge of development tools like git and Jenkins and agile process
• Some experience working in an industrial software-development environment is a plus.
• Knowledge of network protocols and linux systems is desirable

Citizenship Requirement   N/A

APPLICATION INFORMATION

Application Procedure   Through UBC Science Co-op
Cover Letter Required?   Optional
Address Cover Letter to   Hiring Manager