Job Posting:171765 - Position: F25 Embedded Software Engineer 171765

Co-op Work Term Posted:	2025 - Fall
App Deadline	08/22/2025 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	08/06/2025 01:49 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Delta-Q Technologies Corporation
Address Line 1	3577 Gilmore Way
Address Line 2	#100
City	Burnaby
Postal Code / Zip Code	V5G 0B3
Province / State	BC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2025 - Fall
<b> Job Title <b>	F25 Embedded Software Engineer 171765
Position Type	Co-op Position
Job Location	Burnaby, BC
Country	Canada
Duration	8 months
Work Mode	Hybrid
Salary Currency	CAD
Salary	50000.0 per year for 40 Major List
Salary Range $	50,000
Job Description	

Duration: 8 months

About Delta-Q

Delta-Q Technologies is a leading provider of battery charging solutions that improve the performance and reliability of electric drive vehicles and industrial equipment. The company has become the supplier of choice to many of the world's leading manufacturers of electric golf cars, lift trucks, aerial work platforms, motorcycles and scooters, floor care machines, utility/recreational vehicles and new markets, like Outdoor power equipment. Delta-Q is headquartered in Vancouver, Canada with a local presence in the U.S., Europe and Asia.

Position Summary

The Embedded Software Engineer Co-op works as part of a multi-disciplinary team focusing on embedded software products. This role involves making continuous improvements on existing products and supporting application engineering and production support teams. The Embedded Software Engineer Co-op designs, codes, integrates, tests and debugs software programs under the guidance of senior engineering staff.

Specific Duties

You will participate in and gain exposure to:

• Implementing feature improvements

•Working as part of the agile development team

•Troubleshooting problems and correcting known issues following corporate coding standards

•Documenting software changes using on-line tools and company approved documentation standards

•Participating in peer code reviews

•Performing thorough validation to ensure the software changes are production ready

•Providing technical support for application engineers and the product support team

•Recording daily activities and reporting project progress to supervisor

•Other duties in support of engineering objectives as required

Job Requirements

Requirements

• A student enrolled in a Bachelors Degree in Electrical Engineering, Computer Science or a related discipline is preferred

•1+ years of embedded software development experience is preferred

•Experience with C and familiarity with embedded software development tools

•Able to operate basic lab equipment such as oscilloscopes, DMMs, data acquisition units, electronic loads

•Ability to understand hardware component data sheets and basic schematics

•Experience with AC power systems and digital control systems are definite assets

•Experience with software state machines

•Experience with AC power systems and digital control systems are definite assets

•Keen interest in continuously expanding knowledge in software technology and high reliability software development

•Strong written and oral communication skills with high attention to detail

•Ability to work effectively on an individual basis and in a team

The following skills would be beneficial:

• Competency in other programming languages, including scripting languages

•Experience using an RTOS

•Experience with Microsoft Office applications

•Renesas RX or TI MSP430 microcontroller experience

Citizenship Requirement	N/A
Position Start Date	September 02, 2025 12:00 AM
Position End Date	April 30, 2026 12:00 AM

APPLICATION INFORMATION

Application Procedure	Through UBC Science Co-op
Cover Letter Required?	Optional
Address Cover Letter to	Mr. Max Baessato
Special Application Instructions	

PLEASE INDICATE YOUR AVAILABILITY FOR AN 8 MONTH TERM ON YOUR SUMMARY SHEET OR COVER LETTER.