

## **Job Posting: 177035 - Position: S26 Co-op Product Designer - Software 177035**

<b>Co-op Work Term Posted:</b>	2026 - Summer
<b>App Deadline</b>	01/28/2026 09:00 AM
<b>Application Method:</b>	Through Employer Website
<b>Posting Goes Live:</b>	01/13/2026 11:52 AM
<b>Job Posting Status:</b>	Approved

### **ORGANIZATION INFORMATION**

<b>Organization</b>	Dometic
<b>Address Line 1</b>	3831 No 6 Road
<b>City</b>	Richmond
<b>Postal Code / Zip Code</b>	V6V 1P6
<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 Co-op Product Designer - Software 177035
<b>Position Type</b>	Co-op Position
<b>Job Location</b>	Vancouver, BC
<b>Country</b>	Canada
<b>Duration</b>	4 months
<b>Work Mode</b>	In-Person
<b>Salary Currency</b>	CAD
<b>Salary</b>	23.0 per hour for 0 Major List
<b>Salary Range \$</b>	\$23 - \$27 CAD per hour
<b>Job Description</b>	

**Job Title: Co-op Product Designer - Software**

**Job ID:** COOPP003197

The estimated range is the budgeted amount for this position. Final offers are based on various factors, including skill set, experience, location, qualifications and other job-related reasons.

#### **Job Details**

##### **Description**

Our Marine organization is a trusted provider of innovative solutions for the worldwide boating and boat building industry, and we recently expanded our scope to lead the boating industry into an electrified future. Dometic has won numerous NMMA Innovation Awards over the years, and we are always striving for new ways to make boating easier, safer, and more enjoyable.

We are on a journey of continuous growth - now looking for our next star - a passionate **Co-op Product Designer - Software**. This position reports to Software Leader and will work in Vancouver, B.C.

**\*\*Please note that this position is open to current students enrolled in a Canadian accredited university and co-op program.**

##### **Vancouver:**

Dometic Marine's headquarters are in Vancouver, British Columbia in Canada. The facility develops and manufactures hydraulic, electronic, and combustion-based products.

As **Co-op Product Designer - Software** on the Vancouver team, you will be involved in a wide variety of tasks supporting administrative, engineering, and technical staff throughout the facility.

#### **General Responsibilities**

- Embedded software and utility software design and programming
- Develop and execute software unit testing
- Perform hardware/software integration testing
- Proof of concept projects on various technologies such as motor control, IoT, and machine learning
- Perform system level testing in electronic systems with multiple controllers, steering devices, actuators, displays, and CAN bus networks
- Support development and execution of functional test plans
- Perform mechatronic design, sensor and motor evaluation, prototype assembly, test and analysis
- Perform CAN network simulation and testing with CANoe & CANalyzer
- Test automation design, data analysis, and process improvement with scripting (e.g. Python)
- Control system setup, troubleshooting, PID tuning and optimization
- Setup instrumentation on test benches, including use of sensors, controllers, actuator selection, as well as CAPL programming and equipment commissioning
- Research and design concept solutions

Here is what our previous students have told us as to why they liked their co-op terms:

- Lots of hands-on opportunities prototyping and developing electronic systems
- Hands-on experience with system and network testing, as well as design experience in test automation and software development
- Wide variety of tasks - usually 2-3 projects on the go at a time
- Great supervision and mentorship but also get to work independently
- Supportive engineering and technical staff throughout the facility
- Great comradery among the co-op students, as well as with the engineers
- Software/electrical/mechanical blend in both product design and the design of manufacturing equipment and processes
- Opportunities to participate in real-world, on-water system and functional testing
- Exposure to both worlds of product development and manufacturing processes since we do it all in one facility!

#### **What do we offer?**

You are offered an interesting role in a dynamic, fast paced and global environment with great opportunities to grow, evolve with the company and take on new challenges.

- Statutory Holidays
- Free on-site parking
- Company events
- Opportunities to make an impact

#### **Dometic's Core Values**

To thrive and succeed in this role, you understand the importance of our core values - Together We build our future, We play to win, We embrace change and We walk the talk; these values reflect the heart and soul of Dometic and they define what it takes to work here and how we do things.

**Are you our next star?** Then we would love to see your application.

*Dometic is passionate about building together an inclusive and equitable working environment, that respects individual strengths, views, and experiences. We believe that diversity enables us to thrive across our differences. Be yourself and join us!*

*Dometic is proud to be an equal opportunity employer. Dometic evaluates qualified applicants without regard to race, color, religion, age, gender, national origin, disability status, protected veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state, or local laws.*

**Salary range:** \$23 - \$27 CAD per hour

### **Job Requirements**

#### **Skills & Requirements**

- Must be enrolled in an Engineering program at an accredited university
- Software design and programming skills in C / C++, especially for embedded systems
- Familiarity with CAN bus networks and protocols
- Experience with serial communication protocols such as SPI, I2C, Modbus.
- Exposure to unit, functional, integration, and automated testing
- Proficiency with engineering tools including oscilloscopes, multimeters, and logic analyzers.

- Experience with electronics, motors and sensors is an asset
- Strong problem solving and decision-making abilities
- Excellent verbal and written communication skills in English
- Well-developed organizational skills with the ability to manage a variety of tasks
- Ability to work well independently and as part of a strong team

**Citizenship Requirement** N/A

## APPLICATION INFORMATION

**Application Procedure** Through Employer Website

**Cover Letter Required?** Optional

### Special Application Instructions

**Application Link:**

<https://edometric.rec.pro.ukg.net/DOM1500DOCO/JobBoard/1883c52c-7f1b-4c5d-97a8-113c61f2f7ad/OpportunityDetail?opportunityId=6f3524e1-5469-4419-9fe8-db26ec09829d>

**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.