

## Job Posting:168058 - Position: S25 Software Engineering Intern 168058

<b>Co-op Work Term Posted:</b>	2025 - Summer
<b>App Deadline</b>	04/09/2025 09:00 AM
<b>Application Method:</b>	Through Employer Website
<b>Posting Goes Live:</b>	03/19/2025 04:25 PM
<b>Job Posting Status:</b>	Approved

### ORGANIZATION INFORMATION

<b>Organization</b>	EnerSys Analytics Inc.
<b>Address Line 1</b>	7700 Riverfront Gate
<b>City</b>	Burnaby
<b>Postal Code / Zip Code</b>	V5J 5M4
<b>Province / State</b>	BC
<b>Country</b>	Canada

### JOB POSTING INFORMATION

<b>Placement Term</b>	2025 - Summer
<b>&lt;b&gt; Job Title &lt;b&gt;</b>	S25 Software Engineering Intern 168058
<b>Position Type</b>	Co-op Position
<b>Job Location</b>	Burnaby, BC
<b>Country</b>	Canada
<b>Duration</b>	4 months
<b>Salary Currency</b>	CAD
<b>Salary</b>	20.0 per hour for 0 Major List
<b>Salary Range \$</b>	20-25/hr
<b>Job Description</b>	

**Job Title: Software Engineering Intern**

**Job ID:** 11441.

#### **Job Description:**

EnerSys is a global leader in stored energy solutions for industrial applications. We have over thirty manufacturing and assembly plants worldwide servicing over 10,000 customers in more than 100 countries. Worldwide headquarters are located in Reading, PA, USA with regional headquarters in Europe and Asia. We complement our extensive line of Motive Power and Energy Systems with a full range of integrated services and systems. With sales and service locations throughout the world, and over 100 years of battery experience, EnerSys is the power/full solution for stored DC power products.

#### **What We're Offering**

**Compensation Range:** 20-25/hr

Compensation may vary based on applicant's work experience, education level, skill set, and/or location.

#### **Job Purpose**

We are currently seeking electrical engineering (or equivalent) student to work as a Software/Firmware Engineering (Co-op) based in our Burnaby, BC site to develop real-time control software, communication protocols, tools, and test automation for our power conversion/management systems. This position will be responsible for requirements analysis, specification, design, coding, debugging and documentation.

#### **Essential Duties and Responsibilities**

- Contributes to software development of our power conversion family of products.

- Develops detailed requirements and specifications based on product and system requirements, working in concert with engineering project managers and other discipline technical leaders.
  - Writes test plans and conducts design tests. Debugs source code based on test results and issues identified by other testers.
  - Prepares and maintains technical documentation.
  - Scope and plan future development work.
  - Implement unit test code and/or develop test automation scripts and tools.
  - Participates in code reviews of submitted work and contributes to reviews of the work of others.
  - Participates in effort and complexity estimation for proposed new software.
  - Follows established development guidelines and standards and makes recommendations for improvements
- EnerSys provides equal employment opportunities to all employees and applicants for employment and prohibits discrimination and harassment of any type without regard to race, color, religion, age, sex, national origin, disability status, genetics, protected veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state or local laws. EEO/Minority/Female/Vets/Disabled.

## Job Requirements

### Qualifications

- Enrolled in a Bachelor of Electrical Engineering or equivalent program.
- Experience with C language programming.
- Experience with lab equipment and techniques (e.g., oscilloscopes, power supplies).
- Excellent communication skills (oral and written).
- Experience with project-based teamwork.
- Self-motivated with a "can-do" attitude - thrive in a multi-disciplinary team environment.

### Desired:

- Experience in developing C and C++ language firmware for DSPs, GPPs and microprocessors/microcontrollers.
- Experience in developing embedded software using structured software design techniques.
- Familiarity with communication protocols and protocol stacks.
- Familiarity with systems-on-a-chip (SOIC).
- Familiarity with power electronics.

### General Job Requirements

- This position will work in an office setting, expect minimal physical demands.

**Citizenship Requirement** N/A

## APPLICATION INFORMATION

**Application Procedure** Through Employer Website

**Cover Letter Required?** Optional

### Special Application Instructions

#### Application Link:

<https://jobs.enersys.com/job/Burnaby-Software-Engineering-Intern-Brit-V5J-5M4/1183115201>

**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.