Job Posting:166945 - Position: S25 Systems Engineering Co-op 166945

Co-op Work Term Posted:	2025 - Summer
App Deadline	02/25/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	02/11/2025 12:32 PM
Job Posting Status:	Expired

ORGANIZATION INFORMATION

Organization	Schneider Electric
Address Line 1	3700 Gilmore Way
City	Burnaby
Postal Code / Zip Code	V5G 4M1
Province / State	BC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2025 - Summer
<b> Job Title <b>	S25 Systems Engineering Co-op 166945
Position Type	Co-op Position
Job Location	Richmond, BC
Country	Canada
Duration	8 months
Salary Currency	CAD
Salary	20.0 per hour for 0 Major List

Job Description

Job Title: Systems Engineering Co-op
Job ID: 85220
Job Description
At Schneider Electric, sustainability is at the core of our purpose, culture, and business.
Come join our team and help us build a portfolio of residential energy products including solar inverters, batteries, EV chargers, smart electrical panels, connected outlets and smart lighting solutions! Let's create an eco-system together that makes our homes fully electric, way more intelligent, gives users greater control of their energy usage, and instead of contributing to climate change - helps fix it!
We are hiring a **Power Electronics Systems Engineering Co-op** to support **Residential Energy Product Development (EV Chargers)** within the Schneider Electric Prosumer NAM Hub Team in **Richmond, BC, Canada.** Must be available for **8 months minimum**.
What will you do?
• Work with Power Electronics and Firmware Engineers to model, design and validate different power converters and their interactions.
•Collaborate in development and assessment of test infrastructure.
•Validate products against requirements equipment in an R&D lab setting while providing necessary resolutions through troubleshooting and debugging.
•Support execution of system testing with subsequent issue management
Creating a More Sustainable World, Together

Sustainability is at the core of our purpose - to empower all to make the most of our energy and resources, bridging progress and sustainability for all. And we are being recognized for this too! In 2021, Schneider Electric was ranked the world's most sustainable corporation by Corporate Knights - an acknowledgement of our Sustainability Impact 2021-2025 program, and our long-standing commitment to Environmental, Social and Governance (ESG) issues.

What's in it for you?

• **Flexibility**: With our Global Flexibility at Work policy, and our hybrid work model, we empower our employees to work flexibly, managing their unique life and work in the way that works best for them. We embrace agile, flexible, and smart ways of working for our people - to support higher performance, greater inclusion and well-being, and stronger resiliency.

• **Career Development**: We provide a rich environment for our people to grow and learn every day. Our career development model is built around 3 pillars: Experience, Exposure and Education.

• **Inclusive Environment**: At Schneider Electric, diversity is an integral part of our history, culture, identity, and success. By embracing difference, we build a culture of respect where everyone feels safe to be their authentic selves. We are fully committed to inclusion, and our policies and culture reflect this commitment to our employees.

• **Compensation**: The base pay compensation for this full-time position is starting at CAD20.00 per hour for candidates who are B.C. residents. Schneider Electric also offers our employees on fixed-term employment holidays and paid time off.

We are looking for positive, self-motivated, passionate people with a keen desire to collaborate in an exciting, energetic, team-based design environment to help us develop next generation technologies to empower and connect our world-class products to each other, and to our customers.

Let us learn about you! Apply today.

You must submit an online application to be considered for any position with us. This position will be posted until filled.

Job Requirements

What qualifications will make you successful?

• Working towards an undergraduate degree in Mechatronics/Electrical/Engineering Physics/Computer Engineering/Control Systems (2nd, 3rd, and 4th year students).

• Exposure to electrical hardware, software, and electrical circuit theory as it relates to embedded controls for electro-mechanical systems.

• Experience with simulation software such as Matlab Simulink, LT spice, and PSIM.

• Familiarity with systems design methodologies such as cascading requirement scenarios is preferred

• Strong collaboration skills to engage a variety of stakeholders, subject matter experts, and other mechanical engineers

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://www.se.com/ww/en/about-us/careers/job-details/systems-engineering-co-op/85220/

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.