

Job Posting:174952 - Position: S26 Automation and SCADA 174952

Co-op Work Term Posted:	2026 - Summer
App Deadline	11/09/2025 11:59 PM
Application Method:	Through Employer Website
Posting Goes Live:	10/31/2025 12:01 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Petronas
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Summer
 Job Title 	S26 Automation and SCADA 174952
Position Type	Co-op Position
Job Location	Calgary, AB
Country	Canada
Duration	4 months
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List

Job Description

Job Title: Summer Student, Automation and SCADA

Job ID: R0001750

Application Deadline: **November 9, 2025**

PETRONAS Canada is one of the largest natural gas resource owners in Canada. We have operations in the Montney play in northeast British Columbia and are a partner in LNG Canada. As part of PETRONAS, a dynamic global energy group with presence in over 100 countries, we are well-positioned to provide global markets with responsibly-developed Canadian energy while supporting local jobs, collaborating with Indigenous communities and protecting the environment.

At PETRONAS Canada, we are committed to building Canada's energy future - and people are fundamental to our success. We foster a culture of open collaboration and empowerment across our team of skilled professionals, while supporting career development opportunities. To support our growth plans, we are looking for can-do problem solvers to join our team who are innovative and passionate about driving strong safety, operational and sustainability performance in everything we do. Our unique culture and commitment to growth makes the company a great place to build your career.

THE ROLE:

PETRONAS Canada is a great place to launch a career that is enriched with knowledge, technical skills and mentorship. Our summer student program provides an opportunity to experience real-world challenges, collaborate with diverse teams, network with other students and create a vision for your future career path.

Working with our Automation and Controls team in Calgary, this will be a full-time student position from May through August 2026. During your summer, you will gain exposure to the energy industry by attending sessions hosted by subject matter experts and will have an opportunity to showcase your learnings with your student network. We are looking for capable, energetic, and driven individuals to join us in our passion for progress. Expand your potential with us!

HOW YOU WILL CONTRIBUTE:

- Develop automation applications to support remote operability
- Optimize the production Human-Machine Interface (HMI) and alarm system to improve operator awareness and reduce manual processes

- Evaluate and standardize process control algorithms
- Evaluate and enhance the performance of the company's field SCADA wireless network
- Develop reports to support key performance indicators around operator alarms, equipment shutdowns and reliability
- Integrate data from automation systems with reliability and performance metrics as part of a project to enhance overall facility performance (project scope to be determined based on the selected candidate's interests and skill set)

WHY YOU SHOULD JOIN OUR TEAM:

- Flexible work arrangements which include a compressed work week with Friday afternoons off and hybrid work options for office-based roles
- Dress for your day - a casual yet professional environment
- Meaningful, challenging and rewarding work experience, relevant to your field of study
- Learn from knowledgeable mentors who will provide you with insight into what it will be like to work in your chosen career
- Ability to contribute to a dynamic organization with large growth ambitions
- Competitive compensation
- Work for a company that is making a positive difference in our communities through volunteerism, community support and providing opportunities to those in the areas where we work

PETRONAS Canada would like to thank all applicants for their interest in joining our team; however only the candidates selected for interviews will be contacted.

Job Requirements

WHAT YOU BRING:

- Actively enrolled in an undergraduate degree or diploma program at a Canadian post-secondary institution, and must be returning to undergraduate studies after the work term
- Enrolled in the 3rd or 4th year Electrical, Computer, Software or Instrumentation Engineering or a related field
- Knowledge of Python scripting
- Knowledge of wireless communication systems, particularly those using 900MHz unlicensed frequency bands would be beneficial
- Knowledge of process control theory (i.e. PID control) would be beneficial
- Data science related courses/knowledge would be considered an asset
- A self-driven and highly motivated individual, with the ability to thrive in a fast-paced environment
- Excellent communication and interpersonal skills
- Strong time and data management skills

Job postings are typically only open for applications for one week so please submit your resume, cover letter, and transcript today.

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Cover Letter Required? Optional

Special Application Instructions

Application Link:

https://petronascanada.wd3.myworkdayjobs.com/PETRONASCanada/job/Calgary/Summer-Student--Automation-and-SCADA_R0001750?source=LinkedIn

Application Deadline: **November 9, 2025**

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.