

Job Posting:166877 - Position: S25 University Co-Op Student - P&C Technical Services - Software UAT 166877

Co-op Work Term Posted: 2025 - Summer
App Deadline 02/28/2025 09:00 AM
Application Method: Through Employer Website
Posting Goes Live: 02/07/2025 04:19 PM
Job Posting Status: Expired

ORGANIZATION INFORMATION

Organization Hydro One Networks Inc.
Country Canada

JOB POSTING INFORMATION

Placement Term 2025 - Summer
** Job Title ** S25 University Co-Op Student - P&C Technical Services - Software UAT 166877
Position Type Co-op Position
Job Location Toronto, ON
Country Canada
Duration 16 months
Salary Currency CAD
Salary Salary Not Available, 0 Major List
Job Description

Job Title: University Co-Op Student - P&C Technical Services - Software UAT - 16 Months - Summer 2025

Job ID: 50174

Hydro One is proud to be the largest electricity transmission and distribution provider in Ontario, serving nearly 1.5 million customers. We have a long history in the industry with our roots dating back over 110 years to 1906. Since then, we have worked to grow and evolve to meet the changing needs of our customers and communities across Ontario. Today, we're focused on providing exceptional customer service and ensuring we are building safe communities where we live, work and play.

It's an exciting time to join the team at Hydro One!

Job Description:

You will be a member of the above group, which is responsible for the provision of technical support for protection, control and telecom systems for all elements and voltage levels of the transmission and distribution system. Your primary responsibility is to Provide assistance to Field P&C and Engineering on matters relating to the PCMIS which is a Hydro One tool to track and update Protections and Control settings Students will be Assisting with UAT for upcoming updates to PCMIS, Monitoring compliance to NPCC and CIP regulations.

You will have the opportunity to create and update workflows in Microsoft Dynamics CRM, Maintaining and updating Microsoft Sharepoint and Access Database tools

General Accountabilities:

- Assist with implementation of Protection and Control Management Information System (PCMIS) which includes:
- Create PCMIS hierarchies to facilitate engineering changes to P&C equipment.
- Update PCMIS and align SAP when changes are made to in service P&C equipment
- Create device type templates for new P&C equipment
- Assist with internal auditing of critical cyber devices in PCMIS
- Assist with projects and special assignments which includes:

- Validating and processing requests for changes to feeder protection settings
- Creating PCMIS hierarchies for legacy and new turnkey P&C equipment.
- Writing new and / or updating PCMIS Job Aids and Process documents.
- Develop and implement algorithms for various NLP tasks.
- Collect and preprocess large datasets for analysis.
- Design and build machine learning models, optimizing for accuracy.
- Evaluate model performance using relevant metrics.
- Validate models on diverse datasets to ensure robustness.

During their term the student can expect to learn technical skills such as:

- Technical and problem solving skills, with regards to, electrical power transmission and distribution systems, protection, control and telecom, schemes and devices
- Organization structure and business relationships
- Communication oral and written skills
- Teamwork and interpersonal skills
- Leadership skills

Hydro One requires that all students applying for student opportunities be enrolled in post-secondary level studies and be returning to full-time studies upon the completion of their work term. Exceptions will be made in cases where students require a work term in order to graduate. Only applications submitted via Hydro One's career page will be accepted.

If you are an international student, please ensure you have obtained a proper work permit and a Social Insurance Number (SIN). Speak with your school's career centre if you have any questions about acquiring this documentation.

At Hydro One we understand that the success and strength of our business rests with our people. When we develop their skills, we are investing in both their success and ours. To secure the best talent, we seek to create a workforce that reflects the diverse populations of the communities where we live and work and to create a culture based on safety, innovation and inclusiveness.

We are honoured to be recognized by Forbes in its list of Canada's Best Employers for 2024.

Thank you for considering a career with Hydro One, we welcome applications from all qualified candidates. If you are having difficulty using our online application system and you need an accommodation due to a disability, please email careers@hydroone.com. Hydro One will provide reasonable accommodation for qualified individuals with disabilities in the job application process.

****Please note that students are to apply to a maximum of 3 co-op positions per term.**

Job Requirements

Selection Criteria:

- Discipline: Electrical Engineering, Computer, Software Engineers and Computer Science students
- Academic Level: Completed 3rd year or higher.
- Programming and Scripting knowledge is preferred
- Other requirements: Engineering drawings, keyboarding skills, communication skills, team skills, attention to details, knowledge of power system fundamentals and software programming experience is desirable.

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://jobs.hydroone.com/job/Toronto-University-Co-Op-Student-P&C-Technical-Services-Software-UAT-16-Months-Summer-2025-ON/729270947/>

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.

