

Job Posting:171857 - Position: F25 Data Engineer Intern 171857

Co-op Work Term Posted:	2025 - Fall
App Deadline	08/26/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	08/12/2025 09:36 AM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Xylem
Address Line 1	10554 169th Street
City	Edmonton
Postal Code / Zip Code	T5P 3X6
Province / State	AB
Country	Canada

JOB POSTING INFORMATION

Placement Term	2025 - Fall
 Job Title 	F25 Data Engineer Intern 171857
Position Type	Co-op Position
Job Location	Mississauga, ON
Country	Canada
Duration	4 months
Work Mode	In-Person
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List

Job Description

Job Title: Data Engineer Intern

Job ID: R43581

Xylem is a Fortune 500 global water solutions company dedicated to advancing sustainable impact and empowering the people who make water work every day. As a leading water technology company with 23,000 employees operating in over 150 countries, Xylem is at the forefront of addressing the world's most critical water challenges. We invite passionate individuals to join our team, dedicated to exceeding customer expectations through innovative and sustainable solutions.

The Role:

Xylem Utility Services, Assessment Services (Pure Technologies, <https://www.xylem.com/en-us/brands/pure-technologies/>) is seeking a Data Engineer Intern that will be assisting for the design, development and testing of data engineering algorithm and models, and the implementation of Machine Learning applications for innovative robotics and platforms to provide real-time monitoring of underground infrastructure. In this role, the individual will also demonstrate the ability to succeed in a fast-paced, fluid environment, while ensuring that product initiatives are met.

Xylem Internships typically last 10-12 weeks and are an opportunity to get hands-on, professional experience while making a lasting contribution to Xylem as an organization. Our internship program is intended to create a pipeline of talented undergraduate students who are interested in a career in the water innovation technology industry. Interns are our primary talent pool for all full-time early career positions and rotational programs. This internship is a great opportunity to learn more about Xylem and see if a career in water technology is right for you.

The hourly rate for an intern is dependent on a variety of factors including major, year in school and geographic location. Locations

of internships will vary based on the specified project and function, and will either be on-site, hybrid or fully remote.

Core Responsibilities:

- Organize, manipulate, filter, and visualize a large quantity of data from designated products and sensing technologies
 - Work closely with other data scientists and data engineers to Organize, manipulate, filter, and visualize a large quantity of data from different products and sensing technologies
 - Work closely with product engineering team (software, electrical and mechanical engineers), engineering architects and product owners to understand, design and develop algorithms and mathematic models to optimize and automate data acquisition, generation, processing, analysis and reporting
 - Work closely with other data scientists to develop AI, ML, and deep learning models that meet product development requirements while supporting real time monitoring, predictive analysis, feature recognition and extraction etc.
 - Document and report project deliverables, instructions and user manuals, model development, deployment and testing results to supervisor and stakeholders
 - Communicate effectively & proactively with the project team(s) to accomplish project objectives
 - Self-motivated to bring his/her skills to the next level and able to learn concepts and new techniques quickly and effectively
 - Experience or interests on acoustic, electromagnetic, and ultrasonic sensors or general sensing technologies preferred
- Xylem does not provide visa sponsorship for this position.

Join the global Xylem team to be a part of innovative technology solutions transforming water usage, conservation, and re-use. Our products impact public utilities, industrial sectors, residential areas, and commercial buildings, with a commitment to providing smart metering, network technologies, and advanced analytics for water, electric, and gas utilities. Partner with us in creating a world where water challenges are met with ingenuity and dedication; where we recognize the power of inclusion and belonging in driving innovation and allowing us to compete more effectively around the world.

Job Requirements

Qualifications:

- 3rd or 4th year of university students in Computer Science, Computer Engineering, Data Science, Applied Math, Electrical Engineering, Physics, Mechatronics or other related science or engineering fields
- Hands-on programming experience with strong development skills in Python, Matlab, C++, C#, or Java.
- Creative problem solver with key attention to detail and strong analytical skills to make data-driven decisions.
- Strong understanding of statistics, linear algebra and calculus.
- Broad knowledge of signal processing, time series and spectral analysis
- Excellent communication and documentation skills.
- Time management skills, tasks prioritization skills and ability to work independently.

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Cover Letter Required? Optional

Special Application Instructions

Application Link:

https://xylem.wd5.myworkdayjobs.com/xylem-careers/job/Mississauga/Data-Engineer-Intern_R43581?source=LinkedIn

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.