

Job Posting:173607 - Position: S26 Software Developer Intern (Research) 173607

Co-op Work Term Posted:	2026 - Summer
App Deadline	10/03/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	09/19/2025 01:39 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Pason Systems
Address Line 1	6130 3 St SE
City	Calgary
Postal Code / Zip Code	T2H 1K4
Province / State	AB
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Summer
 Job Title 	S26 Software Developer Intern (Research) 173607
Position Type	Co-op Position
Job Location	Calgary, AB
Country	Canada
Duration	16 months
Work Mode	Hybrid
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List
Job Description	

Job Title: Software Developer Intern (Research)

Job ID: SOFTW001860

The Role

Pason is seeking a Software Developer Intern in our Research team for a 16-month internship from May 2026 until August 2027. You will use your strong programming skills to deliver data science-based software applications. Your responsibilities will include developing front and back-end components of prototype applications to be hosted on our experimental website called "Pason Labs". You will work with a talented group of algorithm and control system designers in an applied research setting.

This is an opportunity to learn how data science works in a real-world industrial application.

Essential Duties and Responsibilities

- Design algorithms which clean, aggregate, and analyze data from industrial process sensors for the purposes of performance analysis, event detection, and process optimization.
- Prototype new data analytics widgets and deploy them for customer trials in our beta website called "Pason Labs"
- Participate in all aspects of the Agile software development and delivery processes, including defining requirements, system design, estimating, code reviews, unit tests, documentation, testing, deployment automation and monitoring tools
- Develop software for complex frontend and backend applications utilizing the DataHub technology stack which includes ReactJS, Javascript, Java, Python
- Work with cool technology trends like Amazon Web Services and SpringBoot to help jumpstart your career
- Participate in team technical discussions, research paper reviews, and propose novel ideas to solve challenging engineering

problems.

- Present product prototypes to sales, engineering, and/or management teams.

Hybrid work Environment

- This position allows the opportunity for an employee to work in a hybrid environment where a portion of their role is in the office and the other portion remote.

This job posting closes October 15, please ensure you have your application in before the deadline.

Job Requirements

Knowledge, Skills, and Abilities

- Experience with Front End Technologies like ReactJS, Javascript and Redux
- Experience with one OO language like Java, C#, C++, or Python
- Experience with web-based technologies and frameworks
- Experience using SQL and relational databases
- Experience with Linux OS
- Strong aptitude for data analysis and visualization
- Strong passion for software development.

Education

- Currently enrolled in 3rd year studies in Electrical, Computer, Software or Geomatics Engineering, Computer Science, or related fields

Pre-employment Conditions

- Completion of a satisfactory Criminal Record Check

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Cover Letter Required? Optional

Special Application Instructions

Application Link:

<https://recruiting.ulipro.ca/PAS5000PASON/JobBoard/736c1025-c469-4ece-a487-4884545272a7/OpportunityDetail?opportunityId=3532dac7-8fe6-448e-824d-dc0a327fb45b>

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.