

## 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
<b> Job Title <b>	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.ultipro.ca/PAS5000PASON/JobBoard/736c1025-c469-4ece-a487-](https://recruiting.ultipro.ca/PAS5000PASON/JobBoard/736c1025-c469-4ece-a487-4884545272a7/OpportunityDetail?opportunityId=3532dac7-8fe6-448e-824d-dc0a327fb45b)

[4884545272a7/OpportunityDetail?opportunityId=3532dac7-8fe6-448e-824d-dc0a327fb45b](https://recruiting.ultipro.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.