

Job Posting:171482 - Position: F25 Software Developer Coop 171482B

Co-op Work Term Posted: 2025 - Fall
App Deadline 07/29/2025 09:00 AM
Application Method: Through UBC Science Co-op
Posting Goes Live: 07/21/2025 03:15 PM
Job Posting Status: Approved

ORGANIZATION INFORMATION

Organization Flashana Technologies Inc.
City Vancouver
Province / State BC
Country Canada

JOB POSTING INFORMATION

Placement Term 2025 - Fall
** Job Title ** F25 Software Developer Coop 171482B
Position Type Co-op Position
Job Location Vancouver, BC
Country Canada
Duration 4 months
Work Mode Hybrid
Salary Currency CAD
Salary 23.0 per hour for 40 Major List
Job Description

Note: This job posting was updated on July 21.

Position is contingent on funding.

Salary: \$23/hour=\$3,986.67/month

•This is negotiable based on if student is 2nd, 3rd or 4th year and has experience with internships before.

Reports to	<i>Chief Executive Officer</i>
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About Us

Our business Flashana Technologies Inc. develops software products in the area of retail supply chain, specifically predictive analytics for inventory management. A poorly maintained inventory is every retailer's worst nightmare. Not only does it lead to a loss in sales over time but also represents a poor indicator of inadequate demand for a product. Questions like what to store, what to discard and when to do so can all be answered. No business wants to hold on to products that are not yielding any sales and every retailer wants to keep replenished stocks of items that are popular with consumers. Predictive analytics remove the need to buy and remove stocks of products on a hunch.

Our technology is a demand forecasting model that aims to predict the demand of customers/consumers, of vendor/reseller. Example target markets are alcohol beverage products, consumer retail clothing and the transportation parts industries. It analyzes statistical data and looks for patterns and correlations. Machine learning is applied to determine how the accuracy can be improved over existing statistical methods, such as Fourier Regression Analysis which is commonly used in retail demand chain management.

Job purpose

In this role you will work in a team of software developers and data scientists for both clients, and in the development of a core application. You will design and implement data solutions that will drive customer decisions for thousands of retail organizations around the world.

You are curious, inquisitive and possess the ability to communicate seamlessly with technical and non-technical stakeholders. You are motivated by the importance of data driven work and can help to easily translate this message across various business lines. You are skilled in a variety of fullstack technologies, and you invest in continuous learning of new technologies and techniques. You enjoy the challenge of taking a complex problem and creating an easy-to-use solution.

Duties and responsibilities

The Software Developer has the following duties and responsibilities:

Development

- Write high-quality, maintainable and scalable code using a modern frontend stack
- Take features all the way from concept to implementation and testing
- Work with a growing team of passionate software developers, designers, and PMs to create experiences that users love and find incredibly valuable
- Work with AI/ML data scientists to develop a core application to analyze a customer's data.
- Develop AI/ML/Generative AI processes and tools to ensure high quality software code can be delivered using: Confluence, JIRA, Bitbucket (or GitHub), and agile/scrum development processes.
- Utilize predictive modeling to increase and optimize customer experiences, revenue generation, ad targeting and other business outcomes, in the application
- Create POCs and experimental frameworks for product development and machine learning to lay a strong data foundation for robust analytics to be performed
- Assess the effectiveness and accuracy of new data sources and data gathering techniques

Qualifications

The Software Developer has the following skills and abilities:

About you:

- Have a university degree in Mathematics, Computer Science or another software development field, together with 1+ years of experience developing high quality code on AWS or similar cloud-based environment.
- Experience using web services on AWS, including Lambdas, S3
- Java/C++ and Python working knowledge.

- Experience working with and creating data architectures.
- Experience with AWS and Devops tools.

Nice to have:

- Experience analyzing data from 3rd party providers: Google Analytics, Adobe Analytics, Site Catalyst, Coremetrics, Adwords, Crimson Hexagon, Facebook Insights, etc.
- Experience with distributed data/computing tools: Map/Reduce, Hadoop, Hive, Spark, Gurobi, MySQL, etc.
- Experience visualizing/presenting data for stakeholders using: Periscope, Business Objects, D3, ggplot, etc.

Working conditions

General office environment working conditions, including work-at-home.

Physical requirements

Normal office physical requirements.

Direct reports

The Software Developer is a single contributor, non-management role.

Citizenship Requirement Canadian & Permanent Residents & Refugees Only

APPLICATION INFORMATION

Application Procedure	Through UBC Science Co-op
Cover Letter Required?	Yes
Address Cover Letter to	Geoff Fawkes