

Job Posting:167699 - Position: S25 Software Engineer Co-Op Internship 167699B

Co-op Work Term Posted:	2025 - Summer
App Deadline	03/14/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	03/07/2025 10:45 AM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	DataVisor
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JOB POSTING INFORMATION

Placement Term	2025 - Summer
 Job Title 	S25 Software Engineer Co-Op Internship 167699B
Position Type	Co-op Position
Job Location	Remote
Country	Canada
Duration	4 months
Work Mode	Fully Remote
Salary Currency	CAD
Salary	0.0 per hour for 0 Major List
Salary Range \$	\$18-23/hour
Job Description	

Please note that this position is contingent on funding.

Description

DataVisor is a next generation security company that utilizes industry leading unsupervised machine learning to detect fraudulent activity for financial transactions, mobile user acquisition, social networks, commerce and money laundering. Our solution is used by some of the largest internet properties in the world, including Pinterest, FedEx, AirAsia, Synchrony Financial, Zomato and Ping An, to protect them from the ever-increasing risk of fraud. Our award-winning software is powered by a team of world-class experts in big data, security, and scalable infrastructure. Our culture is open, positive, collaborative, and results driven. Come join us!

Summary

As a platform engineer intern, you will learn how to build a next-generation machine learning platform, which incorporates our secret sauce, UML (unsupervised machine learning) with other SML (supervised machine learning) algorithms. Our team works to improve our core detection algorithms and automate the full training process. As complex fraud attacks become more prevalent, it is more important than ever to detect fraudsters in real-time. The platform team is responsible for developing the architecture that makes real-time UML possible. We are looking for creative and eager-to-learn engineers to help us expand our novel streaming and database systems, which enable our detection capabilities.

This position is ideal for those who are majoring in Computer Science or Computer engineering who would like to gain some hands-on experience in fraud detection and machine learning before graduation. This internship could lead to a full-time position after graduation.

What you'll do:

- Design and build machine learning systems that process data sets from the world's largest consumer services

- Use unsupervised machine learning, supervised machine learning, and deep learning to detect fraudulent behavior and catch fraudsters
- Build and optimize systems, tools, and validation strategies to support new features
- Help design/build distributed real-time systems and features
- Use big data technologies (e.g. Spark, Hadoop, HBase, Cassandra) to build large scale machine learning pipelines
- Develop new systems on top of realtime streaming technologies (e.g. Kafka, Flink)

Benefits

- Gain valuable hands-on experience
- Work closely with experienced professionals in the field.
- Opportunity to contribute to real projects
- Flexible schedule and hybrid work.

Job Requirements

Requirements

- BS/MS students majoring in Computer Science, Engineering or a related subject, Current Co-op students or students enrolled in a post-secondary program (BS or MS) who are majoring in computer science, information management, or a related field of Canada Canada-based college or university. ideally in his/her last school year
- Canadian citizen, permanent resident, or person with refugee protection given under the law and legal bale to work in Canada according to the laws and regulations of the province or territory where you live.
- Proven working experience in Java, Shell, Python development
- Excellent knowledge of Relational Databases, SQL and ORM technologies (JPA2, Hibernate) is a plus
- Experience in Cassandra, HBase, Flink, Spark or Kafka is a plus.
- Experience in the Spring Framework is a plus
- Experience with test-driven development is a plus
- Strong communication and interpersonal skills.

Citizenship Requirement Canadian & Permanent Residents & Refugees Only

APPLICATION INFORMATION

Application Procedure Through Employer Website

Cover Letter Required? Optional

Special Application Instructions

Application Link: <https://apply.workable.com/datavisor-jobs/j/9D69808D1A/>

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.