Student Job Posting: Junior Data Scientist (Full time or part-time; 4 – 8 months)

We are looking for curious and detail oriented students with strong quantitative skills to join us at the Innovation, Business and Services Development Branch of the Canadian Food Inspection Agency in Ottawa. The successful candidate will be involved in risk modeling, data analytics and visualization projects. The role of the unit is to provide evidence-based risk intelligence through analytics to the Agency.

The student will gain experience with risk modeling, data analytics and the translation of results into information to support corporate-level decision-making.

Job responsibilities may include:
• Examining the Agency-wide databases for possible structuring and finding trends (data mining);
• Research on quantitative and semi-quantitative risk modeling methodology;
• Manipulate, clean, and visualize data in order to communicate analytics results to non-technical audiences;
• Develop written material based on analytics results for variety of audiences.

Required skills:
• Ability to manipulate or analyze data using programming languages such as SQL, R, Python;
• Ability to carry out quantitative research using open sources;
• Good oral and written communication;
• Ability to work independently;
• Strong quantitative skills (i.e., statistical and economic modeling skills).

Transportation: building is accessible via public transportation (bus stop across the street).

Conditions of Employment: The following conditions of employment are required for an appointment.

• Legal status to accept employment for the entire period of employment;
• Reliability security clearance

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