Current Opening: Meteorological Intern

Seasonal Full Time Position: May – August 2016 (4 months)
Location: Downtown Toronto (133 Richmond St. W.)
Reports to: Managing Director

About CatIQ:
Catastrophe Indices and Quantification Inc. (CatIQ) delivers detailed analytical, meteorological and geographic information on Canadian natural and man-made catastrophes. Through its online subscription-based application, CatIQ combines comprehensive insured loss indices and other related information to better serve the risk management needs of the insurance and reinsurance industries. CatIQ also produces CatIQ’s Canadian Catastrophe Conference (C4) which aims to bring together industry, academia and government to discuss Canadian catastrophe management. www.catiq.com

Job Description:
As a meteorological intern with CatIQ your main responsibilities will include forecasting, monitoring and reporting on severe weather across Canada. You will work closely with the CatIQ team and assist in the classification of catastrophic events, collect associated media and assist with geographic footprints using ArcGIS.

Your duties will include but are not limited to:

1. Forecasting, monitoring and reporting severe weather across Canada which could cause significant property damage such as: strong wind gusts, heavy rainfall which could cause flash flooding, large hail, tornadoes and/or tropical storms
2. Using available weather models, remote sensing and radar to identify geographic areas impacted by catastrophes
3. Researching other natural events such as wildfires, riverine flooding and earthquakes
4. Assisting with the development of CatIQ’s platform
5. Assisting in CatIQ initiatives identified by CatIQ’s Advisory Committee
6. Assisting with the planning and preparation for CatIQ’s annual conference, C4 2017

Qualifications & Experience Required:
• Minimum Educational Requirements
  o Undergraduate: Must have completed, by May 2016, 3rd year of Undergraduate Degree in Atmospheric Science, Meteorology, Geography, GIS, Environment Science or a closely related discipline
  o Graduate courses or degrees/certificates in related disciplines would be an asset
• Experience & Knowledge Requirements
  o Experience forecasting extreme weather
  o Experience using radar, satellite, atmospheric models, and surface observations
  o Experience and knowledge of GIS and ArcGIS applications
  o Experience with Microsoft Office Applications (Excel, PowerPoint, Word, etc.)
  o Experience using social media such as Twitter & LinkedIn
  o Experience writing technical reports
  o Knowledge of the science behind severe weather perils such as hail, flash flooding, tornadoes, hurricanes and straight line winds
  o Familiarity with the retrieval of meteorological and geographic information (including large quantities of data)
  o Excellent English verbal and written communication skills
  o Must be eligible to work in Canada

Additional Skills:
• Strong drive and work ethic
• Strong analytical and problem solving skills
• Able to work independently or in a group setting
• Highly adaptable to change
• Passionate about weather, climate and resiliency issues
• Knowledge of Canadian insurance industry is an asset

If you are interested, please send a covering letter and resume to Carolyn.Rennie@catiq.com no later than March 11th, 2016. Within your covering letter please be sure to highlight and explain how you meet the requirements and any applicable skills and interests.