Munich RE

POSITION: Data Science Co-op, NA Integrated Analytics (2022 Summer, Toronto, 4 Months)
LOCATION: Toronto, ON
ANTICIPATED START DATE: May 2022
NUMBER OF POSITIONS: 1
APPLICATION DEADLINE: January 22, 2022

Our co-op placements provide you with an excellent opportunity to practically apply your classroom and technical training in the reinsurance industry. While with our team, you'll be: coached by experienced industry professionals, exposed to Munich Re leadership, challenged as a valuable team member and contributor doing meaningful work, and mentored to develop a solid foundation that will help position you as a future leader in the field.

The shift to buying insurance online offers an unprecedented opportunity for the industry to rapidly advance risk assessment to make it easier for individuals to get the coverage they need. The Integrated Analytics team employs data science, data engineering, and cutting-edge application development to deliver transformative solutions for assessing and managing life insurance risk. Our rapid execution and constant innovation in both modeling and deployment set us apart in the industry.

Visit our site to learn more at: https://www.munichre.com/us-life/en/solutions/integrated-analytics.html

THE ROLE:
Responsibilities may include, but will not be limited to the following:

- Utilize statistical and machine learning techniques to support key business functions in underwriting, pricing, and claims management;
- Assist in building and implementing solutions that enable operational units to improve quality and speed of core processes in order to generate incremental revenue or reduce expense;
- Help research new ways of modeling data to unlock actionable insights or improve processes;
- Collaborate across Munich Re functions to understand how analytics can influence business decisions;
- Work with existing data science and business groups at Munich Re.

QUALIFICATIONS:
We're looking for well-rounded individuals who are technically astute, have strong communication skills, and demonstrate the ability to build positive relationships with internal clients. We're seeking energetic and collaborative students who are excited to join our winning team and show promise of becoming a future leader in the data science space.

Specifically, we're looking for the following qualifications:

Technical:
- Undergraduate or Graduate degree in Computer Science, Statistics, Data Science/Analytics, Applied Mathematics, Engineering, Physical Sciences – or equivalent program offering coursework manipulating large datasets;
- Experience with different stages of the data science lifecycle; including gathering data, design, model building, testing and validation, implementation, communication, and retraining;
- Familiarity with advanced modeling techniques;
- Strong experience working with Python, or R; working knowledge of SQL (familiarity with multiple languages considered an asset).

Behavioral:
- Solid communication skills; spoken & written, formal/informal presentation;
- Resourceful and able to learn quickly;
- Proven ability to thrive in a dynamic environment.

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Preferred (but not required):
- Familiarity with big data technologies (ex. Apache Spark, Hadoop, etc), natural language processing and deep learning frameworks (ex. Tensorflow, Pytorch);
- Previous exposure to insurance or financial services environment is preferred but not required.

Note that this opportunity is open to both current students who are returning to in-class studies upon the completion of the work term, as well as recent graduates who have obtained their degree within the past year.

ABOUT US:
Together, we engage with everything we have and are, to help humankind act braver and better.

As the world's leading reinsurance company with more than 40,000 employees in over 50 locations around the globe, Munich Re introduces a paradigm shift in the way you think about insurance. By turning uncertainty into manageable risk, we enable fundamental change. We recognize Diversity, Inclusion, and Belonging as a key priority with a culture that welcomes different thoughts and opinions. We dare to think big and are continuously innovating on behalf of our clients.

Our data, our technology, and our teams place us in a unique position to drive transformative change in the life insurance industry. We invest strategically in our world class talent, offering our employees a work experience that promotes professional development, innovation, and rewards high performance.

HOW TO APPLY

Interested candidates are to apply directly via the Munich Re portal at:
https://bit.ly/3GjQbWD

Note that only applications received through this channel will be considered.

For candidates who are participating in a formal internship program with their school, it's recommended that you adhere to additional application instructions per the guidelines of your program further to applying on the Munich Re site.

Please note that only candidates who are selected for interview will be contacted directly.
We thank all candidates for their interest.