Munich RE

POSITION: Data Engineering Co-op, NA Integrated Analytics (2022 Summer, Toronto, 4 Months)
LOCATION: Toronto, ON
ANTICIPATED START DATE: May 2022
NUMBER OF POSITIONS: 2
APPLICATION DEADLINE: January 22, 2022

Our Co-op & Intern placements provide you with an excellent opportunity to practically apply your classroom and technical training in the financial services 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:

- Contribute to various on-the-go projects, related to the following areas of concentration (as needed and as fits with your focus):
  - Building data pipelines based on modern IT architectures (batch & streaming) – configure extract/transform/load software and rules engines;
  - Image recognition and natural language processing to capture data from unstructured data including image, text, and handwriting;
  - Adapting and customizing machine learning and natural language processing to execute core data ingestion and transformation tasks (translations, validations, exception detection);
  - Continuous integration / continuous deployment workflows and cloud deployment (DevOps);
- Support with the development of Python based applications and predictive models deployed as RESTful microservices;
- Expand the team's use of cloud computing software by prototyping new software as service (SaaS) or platform as service (PaaS) capabilities;
- Participate in various research projects in the field of statistics, machine learning, and deep learning – collaborating with our greater team of scientists and engineers.

Qualifications
First and foremost, you'll demonstrate a natural desire to provide exceptional client service through your energy, enthusiasm, and initiative. Specifically, we're looking for the following qualifications:

- Currently pursuing an undergraduate or graduate degree in Computer Science, Statistics, Applied Mathematics, Information Technology, Engineering (Computer, Software, Physics, Bioinformatics) – or equivalent program offering coursework working with large datasets;
- Experience working with any of the following: Python, Flask, SQL, API or web development, Hadoop and Distributed Computing;
- Familiarity developing software or analyzing large datasets;
- Solid communication skills; spoken & written, formal/informal presentation.

Note that this opportunity is open to current students who are returning to in-class studies upon the completion of the internship.

ABOUT US:

Munich RE

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/3zJt990

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.

Munich Re Canada is committed to providing a work environment that is inclusive and free of employment barriers and discrimination. Accommodations will be made for qualified applicants with a disability throughout the recruitment process. If you receive a request for an interview and you have a disability which will require an accommodation to support your participation, please consult with Human Resources or contact AODARequestHR@munichre.ca as soon as practical so that suitable accommodations can be arranged.