HAMILTON RE

We're writing the future of risk.

Join us, and we will ask you to Be smart, Be sensible, Be open and, above all else, Be more—strive harder, reach further, never give up. These First Principles are the intellectual and moral compass of everyone at Hamilton. They shape the way we build our team, the way we work and the way we will prosper.

We're looking for a
Data Scientist

The professional hired for this newly-created position will report to the Vice President, Risk & Analytics and focus on automating and increasing the interrogation of our data, as well as enhancing our existing artificial intelligence processes to support our risk and underwriting teams. In doing this and other tasks, you must also want to push the limits of your knowledge and skills. At Hamilton Re, we are serious when we say we're writing the future of risk; we need truly ambitious professionals to help us shape the future for our industry.

What you will help us do

In fulfilling this position's overarching responsibilities, you will be asked to:

- Focus on process automation, data interrogation, visualization and validation alongside the continued enhancement of and extension to Hamilton Analytics and Risk Platform (HARP), our proprietary stochastic modeling framework;
- Apply a critical mind to work on a wide range of systems and technologies to solve problems;
- Collaborate with cross-functional experts in technology, underwriting and operations to build and improve system interfaces/features to enable teams to better interpret and make decisions based on data;
- Work with our risk and underwriting teams to enable data and science-based decisions that support the management of our exposure to earthquakes, hurricanes, fires and floods; and
- Design and develop models to support risk estimation of non-elemental perils such as energy, marine, space, aviation, terror, and casualty insurance.

What you require for the job

- A deep knowledge of modern development languages, databases and data management systems, primarily Python (numpy, pandas), SQL, R, JavaScript and HTML
- A numerical background with a scientific, engineering and/or mathematical university degree
- A desire to work in a high-performing collaborative environment and commitment to building a culture of innovation
- No less than three years' working experience (or relevant experience in an academic setting) with a minimum of two years' experience with data analytics in high performance computing environments
- Exposure to meteorological or seismological sciences, civil engineering studies, or prior experience in the insurance industry would be beneficial
- Willingness to challenge your knowledge of portfolio modelling, genetic algorithms, Geographic Information Systems (GIS) ridge regression solutions, Generalised Linear Models (GLM), natural catastrophes, task automation and performance profiling
- A strong customer focus
- An enthusiasm for applying technology to solve problems
- A drive to solve technical challenges quickly and effectively
- An ability to multitask and meet changing deadlines and to work outside of traditional business hours, as required
- Appropriate candidates will be subject to technical interviews that will delve into their capacity for advanced mathematics and problem solving along with a variety of software tests and questions.

Hamilton Re is the Class IV Bermuda reinsurer of Hamilton Insurance Group, the Bermuda-based holding company for insurance and reinsurance operations in Bermuda and at Lloyd's. Our company leverages analytics and research to create underwriting and investment value for our clients and shareholders.

Interested persons should direct their application to:
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