



Hamilton Re, Ltd. invites applications for the position of



# Risk & Analytics Software Developer

Hamilton Re is the Class IV Bermuda reinsurer of Hamilton Insurance Group, the Bermuda-based holding company for insurance and reinsurance operations that underwrite property and casualty risks in Bermuda, the United States and at Lloyd's. The company leverages analytics and research to create underwriting and investment value for its clients and shareholders.

This newly created position will support Hamilton Re's focus on process automation, data interrogation, visualization and validation alongside the continued enhancement of and extension to the operations' stochastic modeling framework.

## » What are we looking for?

The newest member of the Risk & Analytics team will be:

- Happiest when pushing the creative envelope
- Technically proficient
- Passionate about task automation, data orchestration and process/performance optimization
- Driven to provide data analytics and reporting
- Energetic about system implementation
- Fanatical about high quality maintainable code

This role will challenge your knowledge of API integration, collective risk modeling, genetic algorithm, GIS (Geographic Information Systems), ridge regression solutions, GLM (Generalised Linear Models), natural catastrophes, task automation and performance profiling.

Useful prior experience includes a deep knowledge of modern development languages and data management systems such as Python (NumPy, Pandas), R, C#, C and SQL.

## » Minimum requirements:

- A numerical background with a scientific, engineering and/or mathematical university degree
- Prior development experience and an enthusiasm for applying technology to solve problems
- No less than three years' working experience (or relevant experience in an academic setting) with a minimum of two years with data analytics in high performance computing environments with programmes like or similar to Hadoop, HDF5, NetCDF

Exposure to meteorological or seismological sciences or civil engineering studies would be of benefit.

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Potential candidates will be invited to participate in technical interviews that will delve into their capacity for advanced mathematics and problem solving as well as software tests and questions.

### **Strong references required.**

Interested persons should apply no later than **Friday, April 15, 2016** and direct their application to:

**Performance Solutions Limited**  
**133 Front Street, 3rd Floor, Hamilton HM 12**  
EMAIL: [hr@psolutions.bm](mailto:hr@psolutions.bm) PHONE: 441 232 5270