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Senior Quant Analyst

Arch Reinsurance Ltd. (Bermuda) provides specialty property, casualty and life reinsurance products through reinsurance intermediaries worldwide. These programs range from Property Catastrophe and Property Excess of Loss reinsurance to Professional Liability and Marine Treaties. Our Bermuda-based operation has a strong, proven management team, a commitment to underwriting discipline, and financial strength that is rated A+ (Superior) by A.M. Best and A+ by S&P. We are currently seeking to fill the position of:

Senior Quant Analyst

This role will use strong analytical, problem solving and critical thinking abilities on varied projects related to products and services provided to internal and external customers. These include deepening our understanding of our insurance risks and developing solutions to enhance reporting needs.

Responsibilities and Duties:

- Develop analytical and management information tools to enhance portfolios creation and portfolio management capabilities
- Develop prototypes for tools used to solve business problems and get feedback from users
- Write development specs for IT when prototypes are ready for larger deployment
- Support research projects, both actuarial and non-actuarial, including testing non-standard and innovative approaches for modelling risks and construction of portfolios of complex reinsurance risks
- Seek opportunities to automate reports and processes
- Understand our business processes and make the connection with the data coming from the operational systems of the company
- Interact with various stakeholders when developing prototypes
- Work with senior team members to establish the scope of analysis required
- Produce data summaries, tables, charts, visualizations, maps that provide insights to portfolios
- Build trusting relationship with all colleagues
- Continuous development of technical knowledge of coding and analytical tool in use

Minimum Qualifications, Skills and Experience Required:

- Bachelor's degree in Statistics, Mathematics, Computer Science, Data Science, Physics, Engineering, or similar discipline with emphasis on quantitative analysis and methods
- Preference will be given to candidate with a Master or higher degree
- Proven continuing education on topics such as artificial intelligence and data science
- A minimum of ten (10) years of experience in a highly analytical role
- Proven experience in developing analytical tools using various languages/tools including C#, .NET, SQL, Java and HTML
- Demonstrated analytical capabilities, including critical thinking with strong attention to detail
- Understanding of database structures and logic, including database language such as SQL
- Understanding use of data science and statistical tools / languages such as R, Python
- Proven ability to develop analytical software for business users
- Proven track record of challenging and questioning the status-quo
- Excellent written communication skills along with the ability to present results of analysis to a non-technical audience
- Excellent interpersonal skills, with the ability to work as part of a team and independently
- Highly organized with demonstrated experience in solving problems
- Desire to learn and continuously develop both technical and non-technical skills
- Preference will be given to candidates who can demonstrate understanding of insurance or finance metrics, relational databases and risk/reward concepts

To apply please send your résumé to jobs@expertisegroup.com. All applications are handled in a confidential manner and in accordance with Expertise's Privacy policy, available on our website.

Closing Date: March 25, 2022

