

Intern, Actuarial - Structured Solutions

Munich Re Singapore Branch, is part of Munich Re Group the world's leading providers of reinsurance. The business and regulatory environment are changing and creates new opportunities along with financial challenges to life insurers. Our Structured Solutions team provides life insurers with advice and customized financial reinsurance solutions to meet their financial and strategic objectives.

The South East Asia (SEA) Structured Solutions team in Singapore is looking for two Actuarial interns who are interested in technical work and enjoys the challenge of working across multiple markets and being part of a diverse team.

Your job

- Propose enhancements through automation for the ongoing monitoring work for financial reinsurance deals via excel VBA and Power BI
- Provide assistance and develop standardised template in the checking of Statement of Account (SOA)
- Provide assistance in the model development/migration to meet IFRS17 reporting requirements
- Support in the development of valuation seriatim model through AXIS Datalink
- Update market intelligence database and support in benchmarking exercise involving Bloomberg
- You will be required to work closely and proactively with the actuaries in the Regional Structured Solutions team

Your profile

- Pursuing Degree in Actuarial Science, Finance, Statistics, or Mathematics
- Progressing towards attainment of fellowship with one of the international actuarial organizations is desired (would require some exemptions obtained during university or passed at least 1 actuarial exam)
- Prior internship experience is preferred
- Strong Excel (incl. VBA) is preferred
- Prior exposure to AXIS, Power BI or Bloomberg is a plus
- Excellent technical and analytical skills, logical and concise in approach and demonstrate attention to detail
- A pragmatic approach to business pressure is essential
- Strong communication skills (written and verbal)
- Self-motivated and able to work within a team environment, outcome focused
- Able to commit at least 3 months

Interested applicants, please send your resume to Hr-singapore@munichre.com

Intern, Digital Actuary

Munich Re Group is one of the world's largest reinsurance company. The Group operates in all lines of insurance, with around 45,000 employees and experts throughout the world. We are working on topics today that will impact the society tomorrow, be it climate change, gene technology or space travel. In addition Munich Re is driving transformative change in the insurance industry through the application of digitalisation and data science.

You will be a key member of Munich Re's consulting unit in Singapore, comprising of energetic and expert data scientists and actuaries. In addition you will work closely with our local and regional team of underwriters, catastrophe modellers, engineers, cyber and digital experts, product specialists, and client managers.

Your job

- You will deliver a unique combination of actuarial and digital solutions to our reinsurance clients, in areas such as pricing, product design, underwriting and claims.
- You will work closely within the consulting team comprising of actuaries and data scientists, and our underwriting and client management teams, to achieve our growth ambition.
- You will cover non-life markets across Southeast Asia, India, South Korea and Japan. Regular travel and a high energy level are required.

Your profile

- Pursuing Degree in Actuarial Science, Finance, Statistics, or Economics
- You have strong digital credentials which complement your actuarial expertise. We are open to the definition of "digital".
- You are proactive, collaborative, full of ideas and vocal in your opinions. You are able to work in a cross-cultural environment.
- You have good business acumen, and your work is professional and of high quality.
- You are a good self-learner, and willing to push boundaries. At the same time you are open to share knowledge with others.

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Intern, Actuarial Modelling and Experience Study

Munich Re Group is one of the world's leading providers of reinsurance. As pioneers in risk assessment, we drive the digital transformation of the global insurance landscape, expanding products and services as new forms of risk emerge. From space rocket launches to cyber-attacks, from high-net worth individuals to pandemics, we take care of risks so our clients can take care of their businesses.

The candidate will report to the Head of Actuarial Modelling & Experience Studies and work closely with other actuarial associates and actuaries on the Life Health regional team in Singapore. The mission of this position is to assist in the AXIS modelling project related to pricing, valuation, experience study, solvency and planning issues. This AXIS model is used for internal and external reporting, monitoring the performance of the company, its ability to meet future obligations, and for capital and investment planning. The level of assistance will be determined by the experience of the incumbent and the needs of the department.

Your job

- Constructing product feature related tables in AXIS
- Ensuring appropriate assumptions including mortalities, lapses, interest rates and expenses for specific life health products
- Ensuring accuracy of cash flows for Business Projection, pricing, valuation, experience study and Embedded Value
- Maintaining and enhancing data control processes and systems used for financial reporting and experience study
- Providing assistance for financial reporting and experience analysis issues in an effective manner within the department as well as to other departments such as Valuation, Pricing, Terms of Trade, Marketing, Underwriting and Claims
- Exploring machine learning algorithms to assist with multivariate experience analysis

Your profile

- University Degree in Actuarial Science, Finance, Statistics, Mathematics or Computer Science
- Career associate or recent associate progressing towards attainment of fellowship with one of international actuarial organizations is desired
- Strong Excel (incl. VBA), SQL skills are required; AXIS, Python, Power BI skills are desired
- Superior attention to detail and accuracy
- Well-developed time management skills; ability to work independently while supporting the team work
- Good communications skills (report writing and formal presentations)
- Basic knowledge with insurance/reinsurance products

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Intern, Actuarial – Traditional Life Pricing

Munich Re Singapore Branch, is part of Munich Re Group the world's leading providers of reinsurance. The South East Asia (SEA) Commercial team in Singapore provides life & health reinsurance solutions to various insurers from the South East Asia market.

The team is looking for two Actuarial interns who are interested in technical work and enjoys the challenge of working across multiple markets and being part of a diverse team.

Your job

- Provide assistance in experience study, including collating data, performing calculations, presenting analysis and document results.
- Provide assistance in Life & Health pricing, including assumption setting, portfolio analysis and profitability assessment.
- Build and enhance the portfolio monitoring database for key Traditional Life & Health businesses.
- Update market intelligence database and support in benchmarking exercise
- Ad-hoc projects (e.g. statement of accounts, model conversions, treaty review etc).
- You will be required to work closely and proactively with the pricing actuaries and client manages in the team

Your profile

- Pursuing Degree in Actuarial Science, Finance, Statistics, or Mathematics
- Progressing towards attainment of fellowship with one of the international actuarial organizations is desired (would require some exemptions obtained during university or passed at least 1 actuarial exam)
- Prior internship experience is preferred
- Strong Excel (incl. VBA) and Access is preferred
- Excellent technical and analytical skills, logical and concise in approach and demonstrate attention to detail
- A pragmatic approach to business pressure is essential
- Strong communication skills (written and verbal)
- Self-motivated and able to work within a team environment, outcome focused

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