Position Description

WELLINGTON MANAGEMENT®

ALM AND CAPITAL STRATEGY ANALYST

THE COMPANY

Tracing our roots to 1928, Wellington Management Company, LLP is one of the world's largest independent investment management firms. With over US$1 trillion in assets under management as of March 2019, we serve as a trusted adviser to institutional clients and mutual fund sponsors in over 60 countries. Our innovative investment solutions are built on the strength of proprietary, independent research and span the global capital markets, including equity, fixed income, multi-asset, and alternative strategies. As a private partnership whose sole business is investment management, our long-term views and interests are aligned with those of our clients. We are committed to attracting a talented and diverse workforce, and to fostering an open, collaborative, and inclusive culture because we believe multiple perspectives lead to more informed investment and business decisions. As an Equal Opportunity Employer, we welcome people with diverse life experiences, fresh ideas, and specialized subject-matter expertise.

OVERVIEW

Wellington Management Company, LLP is seeking a quantitative analyst to work within the Insurance and Pension Analytics team in Global Risk and Analytics (GRA). This quantitative team works with the Financial Reserves Management (FRM) ALM and Capital Strategy team, which provides asset allocation, capital management, and other services in support of our investment relationships with global insurance and pension clients and prospects.

The ALM and Capital Strategy Analyst (Analyst) will work with specialists in the GRA team and Information Technology (IT) to develop and implement high quality, well-designed, scalable quantitative implementations of algorithms for specialized analytical needs of insurance and pension institutions, including measuring liabilities, accounting and regulatory analytics, customized analytics, and optimization in the context of regulatory capital and liability aware strategic asset allocation.

While not a software development role, the Analyst is expected to produce software implementations of these capabilities in Python and design repeatable, scalable workflows for calculations that can be run by non-technical staff.

The candidate must possess strong quantitative modeling and programming skills, bring a strong background in a quantitative field, have experience in financial markets and be familiar with risk neutral asset pricing theory and fixed income investments. A background in stochastic optimization, operations research, or actuarial science will be helpful but not required.

The ideal candidate will likely have a PhD in quantitative field (mathematics, statistics, operations research, hard science or engineering), or a Masters in Financial Engineering, or significant progress towards actuarial certification, though other backgrounds paired with relevant experience will be considered.

The Analyst should enjoy implementing rigorous quantitative analysis, have a high tolerance for the ambiguities that arise in the application of theoretical models to practical settings, and be able to exercise common sense in the application of theory without compromising on critical points.

In addition to deep domain knowledge and technical ability, success in this role requires the ability to work with clients and prospects on technical matters, to communicate clearly and without jargon or excessive detail, and to understand unique client requests.

The great majority of the Analyst's work will be delivered or used in collaboration with other teams at Wellington, including IT and client-facing teams. A successful candidate will be able to build strong relationships predicated upon mutual respect and shared success.

RESPONSIBILITIES:

- Build quantitative models for our clients' investment risk management needs and create output useful for presenting results to clients
- Produce regular ALM projections and information for various purposes, including cash flow testing, stress testing, economic capital estimates, and liability and asset cash flow modeling
- Build scalable enterprise capabilities for ALM and ERM that are well documented and maintain a strong control environment
- Work on economic scenario generation and asset return simulation for strategic ALM and regulatory scenario analysis
- Assist clients with rating agency and regulatory requests
- Perform analysis of potential changes to investment strategies and make recommendations

KEY QUALIFICATIONS

- Two to five years of experience working in a quantitative finance role
- PhD in quantitative field (mathematics, statistics, operations research, hard science or engineering), or Masters in Financial Engineering, or significant progress towards actuarial certification
- Strong programming ability in Python, or other high-level language, and SQL; high level of facility with technology
- Strong quantitative and analytics skills
- Familiarity with pension or insurance liabilities and regulation
- Familiarity with fixed income investing or other capital markets experience
- Ability to articulate complex investment strategies/processes in a clear and concise manner and comfort in interacting with clients during meetings and over the phone

ADDITIONAL QUALIFICATIONS

- Working knowledge of insurance regulations and rating agency requirements, including AM Best BCAR, S&P CAR, NAIC RBC, and CCAR
- Experience modeling loss projections of various asset classes
- Passion for solving problems and sharing solutions to exceed the standards of the client
- Knowledge and experience with industry standard actuarial modeling systems
- Actuarial designation or partial completion of actuarial exams leading to the Associate of the Society of Actuaries or Casualty Actuarial Society designation

APPLICATION INSTRUCTIONS

To submit an application, please follow the link below:

https://wellington.wd5.myworkdayjobs.com/External/job/Boston/ALM-and-Regulatory-Capital-Analyst_R80335