Risk & Quantitative Analysis

Positions are available in: Americas, Europe, and Asia Pacific

The Risk and Quantitative Analysis business provides independent oversight of BlackRock's fiduciary and enterprise risks by crafting and delivering risk management, tailored advice and analytics. We promote BlackRock as a leader in risk management by providing top-down and bottom-up oversight to help identify investment, counterparty, operational, regulatory and technology risks. In addition to producing quantitative analysis to support BlackRock, we ensure portfolio risks are consistent across mandates, reflect current investment themes within particular strategies, and follow client-specific risk guidelines. We also work with other businesses across the organization to help portfolio managers build risk-aware portfolios and develop analytics used for risk and portfolio management using the capabilities of Aladdin.

Our business contains four teams:

Investment risk

- Advises investment businesses on portfolio construction, hedging strategies and other quantitative aspects of managing risk and return for portfolios.
- Develops expertise in global portfolio management teams' investment process in order to provide quantitative advice and risk oversight.

Technology risk

- Helps define and supervise BlackRock's technology controls to protect our clients and the firm.
- Focuses on key risks such as technology outages, information security breaches and ineffective organizational change.

Enterprise risk

- Identifies risks which directly impact the corporate entity.
- Responsible for all aspects of operational risk; error investigation, new product risk assessments and development of the operational risk framework.
- Includes technology, model, third party, and regulatory risk management.

Counterparty & concentration risk

- Focuses on identifying potential counterparty credit risks inherent to BlackRock and its clients.
- Responsible for assessing, approving and supervising the creditworthiness of all trading counterparties, as well as analyzing BlackRock's exposure to these entities.

We partner with:

Internally: BlackRock Portfolio Managers, Trading & Liquidity Strategies, Government Relations, Quantitative Modeling, Portfolio Analytics, Software Engineering, Legal and Compliance, Business Operations, Internal Audit, Finance

Our team is known for:

- Partnering with global portfolio management teams to construct portfolios that are consistent with specified risk and performance objectives
- Maintaining integrity as a fiduciary to clients
- Holding unbiased insights into financial markets and portfolios
- Providing critical independent thought leadership
- Providing independent risk oversight for senior management of the firm and the Board of Directors
- Effectively communicating and influencing internal partners to manage risk

BlackRock.

Risk & Quantitative Analysis

What will you do as an analyst?

- Apply statistical techniques to real financial data and live portfolios to aid portfolio managers' real-time decision making
- Learn to critique risk models, using experience and judgment to interpret the output and suggest model improvements
- Learn to communicate sophisticated ideas to key partners in a high impact manner
- Use R or Python to query data, run statistical analyses, and build data visualizations to optimally communicate insights.
- Get a deep understanding of financial markets and portfolio construction.
- Provide independent and consultative risk management services on a range of key projects including risk identification and evaluation of corresponding controls

What capabilities are we looking for?

- Intermediate coding & programming skills in R and/or Python
- Analytical approach
- Strong communication skills
- Critical thinking
- Problem solving
- Relationship management
- Interest in financial markets

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