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# Example of Quantitative Researcher Job Description

Our company is growing rapidly and is looking to fill the role of quantitative researcher. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for quantitative researcher

* Monitor any relevant academic and Financial Market research
* Work with execution team on trading strategies and analysis
* Work with CI partners and internal constituents to understand needs and continuously evaluate and improve our research, propose changes to keep the research fresh and meaningful
* Identify and synthesize secondary and/or demographic data that may be difficult to gather via primary research, or to complement our primary research findings
* Analyzing the current infrastructure system to identify and resolve any weaknesses that could impact the strong growth curve of the Non-US Core Equity product line
* Researching and supporting the current alpha forecasting models for the team
* Working closely with the Portfolio Managers to improve the models, continuing to add PM insights into the process
* Leading independent research projects by generating creative ideas and rigorous quantitative analysis that includes testing the efficacy of factors, writing production codes, and developing macroeconomic forecasting models
* Manipulating large sets of data and conducting macroeconomic analysis
* Analyzing financial markets, industry-specific, and macroeconomic data to forecast business, industry and economic conditions and trends in order to make investment decisions

## Qualifications for quantitative researcher

* Strong academic training, graduate degree in finance, economics, or hard science
* Demonstrated ability to complete high-level, investments related research independently
* 5+ years of research experience in the quantitative investment field
* Experience working with large sets of data and conducting econometric analysis
* In-depth knowledge of macro-economic research and modeling, portfolio construction and risk management
* Experience with a wide variety of asset classes is desirable, including equity index derivatives, preferred stocks, foreign exchange convertible bonds more traditional asset classes like global equity, fixed income and real estate