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# Example of Quantitative Analyst Job Description

Our company is growing rapidly and is looking to fill the role of quantitative analyst. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for quantitative analyst

* Working collaboratively with team members on research projects, including regarding idea generation, sourcing data, creating, testing and refining research code
* Develop statistical models
* Strong experience in a Model Validation or Front Office Quant role
* Experience coding in C++, in a managed codebase
* A clear understanding of Commodity and Equity models
* Financial engineering expertise
* Experience developing in a large multi-asset valuation library at a top ranked equity derivatives dealer
* Experience working on model documentation that satisfies external regulatory compliance under Basel rules
* Experience in modelling asset-backed securities, commercial mortgage-backed securities and residential mortgage-backed securities
* Knowledge of the securitised product business

## Qualifications for quantitative analyst

* Oversee technical work (including models) performed by junior Quantitative
* Analytics team members
* BA in accounting, finance or related field, or equivalent work experience
* Practical coding skills are a plus
* Flexible and resourceful with the ability to work on many project deadlines at the same time
* Bachelor Degree in Math, Statistics, Finance or Economics required