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# Example of Quantitative Developer Job Description

Our company is growing rapidly and is searching for experienced candidates for the position of quantitative developer. 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 developer

* Proficiency in organizing and manipulating large quantities of data in analytical processes
* Work with traders and analysts in an agile development environment to define, capture, implement and verify requirements
* Provide recommendations on how to improve existing processes and systems
* Perform unit, regression, and systems testing of data intensive software systems
* Provide support for existing solutions
* Maintenance and Operational responsibilities multiple applications throughout the transaction lifecycle of the trade
* Work closely with Back office team to troubleshoot and provide solutions for financial reporting
* Develop and implement pricing models in the common C++ library that is used for pricing and risk managing the equity derivatives book
* Support the UK based quantitative analyst team in day to day tasks such as product testing, data collection, analysis and presentation
* Be part in regular discussions with traders on improvements and designing new pricing models

## Qualifications for quantitative developer

* Previous experience on risk engine development/integrating analytics libraries is an advantageous
* As a core developer, the sucessful candidate is expected to pick up good understanding of the C++ based risk engine, its analytics and all the exposing tools available for users in Excel other server based process
* Experience having worked in front-office finance environments is a strong plus
* 5 to 10 years of experience with proven track record in design and implementation of risk management models and framework
* Hands-on experience in portfolio management or trading a plus, especially in multi-asset multi-strategy environment
* Advanced knowledge of C/C++ (minimum 5 years)