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# Example of Quant Developer Job Description

Our growing company is looking for a quant developer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for quant developer

* The position is a Developer/Manager role to develop, optimise, extend and maintain the infrastructure which underpins the core model validation workflow
* Hands-on approach with focus on pragmatic solutions
* Experience with C++, preferably in a multi developer environment is a plus
* Knowledge of LaTeX
* Interested in development in the context of Finance - demonstrated by qualifications and experience
* Excellent communicator - both written and oral, stakeholder management experience appreciated
* Build into and enhance existing client-reporting and trade monitoring tools, by utilizing and engaging our trading platform (Sidecar)
* Experienced with software development working with source control, automated test and regression tools
* Support local quant and day-to-day tasks such as model and product testing and analysis, data collection, analysis and presentation
* Be responsible for the running of periodic reports

## Qualifications for quant developer

* Experience in high-frequency or algorithmic trading is a plus
* Hands-on experience with C/C++ Quantitative Development
* Solid understanding of statistics, probability, inverse problems, stochastic calculus, financial and econometric models, estimation and calibration techniques
* Experince with modern version control systems like Git or SVN is a \*very\* strong plus
* Experience with HTML/JavasScript web application development (JQuery, Backbone.js, d3.js, IPython) is a \*very\* strong plus
* Experience with version control tools and processes (Subversion, CVS, Clear Case )