## Q:\Projects\UniversityRecruitment\Marketing\Logos\334898_p G-Research #561305.jpg Job Specification – Front Office Developer

## The Company

At G-Research we research investment strategies to predict returns in financial markets across multiple asset classes. We also develop the research and execution platform to deploy these ideas in markets globally.

Our investment strategies, software and IT systems are used to:

* Evaluate, forecast and simulate investment ideas
* Test for and control risk in investment portfolios
* Maximise investment returns across a range of markets and products

Our software and services are used in markets around the globe and around the clock.

We offer a dynamic, flexible and highly stimulating working environment, where good ideas are prized and rewarded correspondingly.

## The Role

We are looking for a strong, pragmatic developer to join our equivalent of a front office research development team.

The mission of this development team is to provide reactive development and technical expertise to the quantitative research groups to enable the business to rapidly capitalise on new opportunities and research ideas. The work is quite reactive to the needs of the quant teams, and as such this role will suit a candidate who enjoys working on multiple tasks at once, being accountable directly to users and who thrives on the pressure of making quality decisions under some time pressure.

This role will require development of an extensive knowledge of the existing system; candidates should be comfortable working with a large and technically sophisticated code base and should be able to demonstrate a history of being proactive in identifying and implementing improvements to existing systems in a previous role.

The research platform has components in both C# and F# and developers may also have additional exposure to our in-house, high performance, research focused language.

While this is primarily a development role candidates should also have strong communication skills and be able to interface with both other technical teams and non-technical users in research and management. Previous experience in a client facing or front office role would be an advantage.

Candidates should enjoy taking on significant responsibility and should be keen to take ownership of their solutions. Quality of code is of paramount importance to the firm and as such we prioritise quality solutions over quick hacks whenever practical.

We work closely with mathematicians from the research groups and as such familiarity with maths and basic statistics will be useful.

While the team works closely with specialist quant researchers we are looking for a dedicated software engineer who enjoys the challenges of software development - the successful candidate will not aspire to a move into quant research.

## The Individual

The successful candidate will be a strong, pragmatic, and practical software developer with:

* Excellent academics - good A-level results combined with a 2.1 or better in Computer Science or a numerate subject from a top university
* Strong problem solving skills, with the ability to identify priorities and react quickly to emerging opportunities, and to work independently or as part of a team
* Solid experience in either a functional or OO language
* Strong communication skills, with the ability to communicate with both technical and non-technical users
* Experience of working with a large existing code base is a definite advantage
* An interest in finance. Commercial finance experience is useful but by no means a pre-requisite. Candidates from non-financial backgrounds are strongly encouraged to apply.
* (Nice to have) Experience in a software development role closely aligned to the operations of a quant or prop-trading desk within a financial organisation.