



## Quant Platform Architecture (QPA) Software Developer

### The Company

At G-Research we research investment ideas to predict price 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 research, 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

The firm views software development as part of its core business strategy. Software is developed primarily in C#. The key responsibilities of the roles are:

- Improving the core investment platform performance so that it can process large data sets and make better investment decisions.
- Increasing the scale of the system so that our Quantitative Analysts can realise more complex & computationally intensive ideas.
- Designing and implementing high quality code that performs at scale yet is fault tolerant during live execution.

The role is technically challenging, and requires an ability to rapidly adapt to new technologies such that the business's technology advantage is maintained.

The firm's platform is used 24/7 and this means that the candidate will be required to provide support for production issues, which can include occasional overnight calls shared in a rota with other team members.

### The Individual

The role has a large impact on the potential profitability of the business and as such the candidate must be a strong, competent, and practical software developer. They should be enthusiastic and have a genuine interest in both software technology and the underlying hardware.

Required skills:

- Proven ability to develop high-quality software. We are considering candidates with varying levels of experience.
- Experience of at least one of C++, Java, or C#.
- Appreciation of good software architecture and core CompSci fundamentals & data structures.
- Excellent academics – good A-level results or equivalent, combined with a 2.1 or better from a top university in a numerate subject.
- Experience within finance is not necessary and we are happy to consider a wide range of backgrounds.
- Experience of working with a large existing code base is a definite plus.