



Data Development Group (DDG) Software Developer

The Company

At G-Research we research investment ideas 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 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

A challenging software development role is open in the Data Development Group, a specialised team within the Data Services Group responsible for understanding, processing and organising large research datasets.

Within a strong collaborative environment, developers take a high degree of ownership of projects, many of which will be in new research fields. Developers work closely with quant research groups and other specialised teams to deliver outstanding data and research resources, and are responsible for end-to-end design and implementation.

All development roles in the firm are technically challenging and require an ability to adapt to new technologies and requirements. Talented software developers who also work extensively with relational databases will find significant and exciting challenges for both areas of their expertise.

Primary responsibilities of the role will include:

- Designing and implementing high-quality code to process and manipulate large datasets.
- Ad-hoc research on raw data, working with quant teams to ensure data quality and value.
- Building cutting-edge tools and infrastructure supporting core facilities in the firm
- Strong data management skills; advising cross-team initiatives; assessing frontier technologies
- Database design and query performance, optimisation enhancements, where possible.
- Responding to the ever-changing requirements of the business.

The platform that the firm provides is used 24 hours a day, and all developers in the group have a responsibility to support production issues encountered in the data processing. This will include a share of overnight calls from within the firm.

The Individual

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.

- Experience of at least one of C++, Java, or C#.
- Appreciation of good software architecture and compsci fundamentals & data structures
- Demonstrable understanding of database design and use, or other data management techniques
- Excellent academics – good A-level results combined with a 2.1 or better from a top university in a computing-related or other numerate/computational subject.

Financial experience may be useful but is not required. Candidates from non-financial backgrounds are encouraged to apply.