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# Software 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 Roles**

Software development is a core part of our business and we are continually looking to expand our development function. We are looking for the world’s best software developers and take recruitment of the best talent very seriously. Most of our systems are written in C# but we also have specialist teams using C++ and F#. We also build interfaces using modern web technologies so we have a broad range of software development challenges for the successful applicants. Developer responsibilities include but aren’t limited to:

* Extending systems for deployment of increasingly sophisticated features without sacrificing reliability
* Processing and management of large data sets with strict realtime performance requirements
* Designing and building distributed and fault-tolerant systems
* Building modern UIs for managing and understanding complex systems running around the globe

All roles are technically challenging and require strong communication skills as well as an ability to rapidly adapt to changing requirements, such that the business’s technological edge is maintained. We are currently looking for the following skill sets:

* Quant Tools and Front Office Developers
* Data and Real-time Data Developers
* Financial Technology and Risk Developers
* UI Developers
* Security Developers
* Dev Tools and Framework Component Developers

The nature of round-the-clock operation across global markets means that teams provide third-line support for production issues, which can include occasional overnight calls shared in a rota with other team members.

**The Individual**

Successful candidates will be strong, competent and practical developers. 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 at varying levels of experience.
* Experience with C#, Java, C++ or other mainstream modern programming languages.
* Appreciation of good software architecture, data structures and algorithms.
* Excellent academics: 2.1 or better in computer science or a numerate subject from a top university.

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