



Senior DSG C++ Developer

The Company

G-RESEARCH produces integrated automated trading platforms for use in real-time algorithmic trading. We have developed a sophisticated research platform to systematically leverage investment knowledge.

Our investment research, software and IT Systems are used to:

- *evaluate, forecast and simulate investment ideas
- *systematically test for and control risk in investment portfolios
- *maximise investment returns across a range of markets and products

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

Founded in August 2001, G-RESEARCH has a proven track record of trading strategy generation. To sustain and build on this we have consistently invested heavily in people and systems.

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

The Role

The Data Services Group (DSG) is a highly technical team of C++ and C# developers who are responsible for live market data feed processing. They have an intimate relationship with key areas of the business and have detailed exposure to the industry. DSG is a growing team and there are further opportunities for it to expand in the future.

The firm views software development as part of its core business strategy. Within the DSG team, software is developed both in C# and C++. As a C++ specialist the successful candidate will also have the opportunity to gain skills in C#. The successful candidate will have the opportunity to gain exposure to global stock exchange data and to develop business skills in this area.

The key responsibilities of the role are:

- Enhancing and supporting the existing trade technology platform and associated toolset.
- Designing, architecting and implementing high quality enterprise level software to work with large data sets.
- Working across the full project lifecycle, from initial requirements gathering through to release.
- Advancing the existing architecture and improving its performance.
- Mentoring junior developers and assisting them with day to day issues. There are opportunities for project leadership for the right candidate.
- The team operates in a fast-paced and constantly changing environment – we are looking for a developer who is capable of making quick decisions and is accountable for the successes or failures that result from those decisions

The nature of daily trading across global markets 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 candidate must be a strong, competent, and practical senior software developer. They should be enthusiastic and have a genuine interest in both software technology and the underlying hardware. They will have an outgoing personality, the ability to form strong relationships with those around them and a passion for a collaborative approach to software development.

Required skills and experience:

- Proven ability to develop high-quality software. We are considering candidates significant levels of experience in software development for this role.
- Excellent hands-on experience and knowledge of C++
- Appreciation of good software architecture and core algorithms & data structures
- A determined and hardworking outlook, with the ability to communicate between different teams within the business.
- Excellent academics – good A-level results combined with a 2.1 or better from a top tier university in computer science or similar.

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