

## ***Developer Job Description***

### ***Role Description***

C# quantitative developer, programmer. Harpenden (Hertfordshire) based forecast, data & software company is recruiting for a C# developer to join their computational development team. The ideal candidate will be educated to degree level in applied mathematics, meteorology, physics or actuarial studies. Good OOP, client-server and SQL skills, probability and statistical knowledge are a must since you will be developing applications used by trading desks. VB 6 and Delphi 7 knowledge would be a plus. We are looking for candidates who are motivated by software and software engineering at the highest level. Experience in the financial, insurance or meteorological field is not a requirement but would help.

### ***Narrative***

Established in 1999, Speedwell Weather Derivatives (SWD) is a successful provider of weather derivative market software, weather data, weather forecasts and consultancy services. The Speedwell Weather System (SWS) is the pre-eminent software product for pricing weather derivatives, managing a portfolio of weather derivative risk and trade processing.

Speedwell is based in Harpenden, Hertfordshire and has an office near Washington DC. An increase in the number of clients and range of products has created the need for a further experienced software developer with probability and statistical skills to work on SWS and data areas.

Speedwell Weather Derivatives is regulated by the Financial Services Authority.

The candidate will be managed by Dr Michael Moreno, the Chief Technical Architect, in a team of six talented developers.

### ***About the Person***

The person should want to work for a smaller business where the opportunity exists to stamp their expertise in a variety of areas including SWS, weather forecasting, weather data cleaning, development of analytical tools, and consultancy. He/she should be able to work proactively, flexibly and at times unassisted. The ability to multi-task is important.

The person needs to combine analytic and development skills

### ***Responsibilities***

- Help design and implement new functionality
- Help maintaining existing application in C# and migrate some applications to C#
- Provide advice on core system architecture (N-tiers systems, multi-threading)
- Help with implementing mathematical functions
- Help setting in place Unit Testing.
- Some application support
- Some client support

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## ***Technologies***

### Essential

- C# (4 yrs experience)
- SQL Server, T-SQL (2 yrs)
- Client-Server and/or Distributed and Multi-threaded Application Design (2 years)
- COM/DCOM and/or .Net Remoting

### “Nice-to-haves”

- Delphi 7
- VB 6
- Financial/Insurance/Reinsurance market experience or Meteorological background

### **Please Contact**

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## **Speedwell Weather Derivatives Limited**

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