

## Junior software developer

**Location:** Faraday Wharf, Birmingham, B4 4BB, UK

**Salary:** £26,000 - £32,000 per year depending on skills and experience, plus bonus and pension

**Job type:** Permanent, full time preferred, must be able to work in the UK

### About the role

We are looking for junior software developers with great potential and preferably one year of commercial experience in developing software applications in an object oriented manner, ideally in C# / .NET. You will work across our product range on areas including:

- data exploration using graph views, spreadsheets, and other visualisations;
- data management using SQL back-end and web technologies;
- mapping and handling of spatial data;
- visualisation, modelling and statistical data analysis.

So why would you want to work for IGI? We are a team that values people over process, and works in a flexible, professional way in a friendly atmosphere. Our team is comprised of driven people who combine deep technical expertise with a collaborative, can-do approach.

As a member of our team, we encourage you to get involved in areas of the company that interest you. You will be given appropriate support and will be able to take part in steering our working practice. We offer a competitive salary with a company bonus scheme and we have a generous holiday allowance. We encourage personal and professional development through fortnightly “developer days” and will support your training and development needs.

### Skills and requirements

Essential:

- Good team communication skills and strong desire to learn
- Demonstrable knowledge of software architecture and design patterns
- Experience of writing object-oriented software

Of particular interest:

- Experience with the Microsoft technology stack (C#, .NET) and Visual Studio
- Some experience of backend systems development (e.g. SQL relational databases)
- Experience of computer graphics and an interest in the visual display of data

Nice to have:

- Experience of using WPF and user interaction design
- Knowledge of modern Javascript based web frameworks, and / or Python
- Familiarity with unit and integration testing, test driven development and mocking
- Interest in Agile / Kanban methodologies, source control and continuous integration, peer / code review and build and support tools (PowerShell, TeamCity)

### About us

Established in 1983, IGI has grown to be the world’s largest independently owned geochemical consultancy company, providing its expertise to oil industry companies around the world. The company has built an international reputation for innovation in geochemistry project work, data compilation and software.

Our software team (comprising of 9 software developers, a product owner and a tester) is responsible for developing cutting-edge software to support the visualisation, interpretation and management of geochemical data, through a suite of integrated desktop and web products, which we intend to develop further for other application domains. Our current focus is on C#/.NET technologies, but we also work on web based (Javascript , PHP, MySQL) and Python based solutions.

For further information contact Anthony Jones ([a.jones@igilttd.com](mailto:a.jones@igilttd.com))

Please email your application and CV to Helen Davis ([helendavis@igilttd.com](mailto:helendavis@igilttd.com))