

Software Engineer

The Company

GeoTeric is a global leader in the development and commercialisation of advanced 3D seismic analysis technology and is delivering a disruptive technology that is changing the nature and productivity of seismic interpretation.

Our current client base comprises more than 100 E & P companies worldwide including industry leading NOCs and Integrated Energy companies.

The Company has offices in Newcastle upon Tyne, London, Houston, Perth and Kuala Lumpur.

Job Purpose

To work as part of the Application Development Team within the Technology Group, working across the development lifecycle to extend and improve the Company's commercial software products.

You will be part of the group delivering new commercial software features within a technology development process that brings in requirements and knowledge from research and development teams, geoscientists and product & user stakeholders.

Translation of these requirements and materials into high quality commercial software features is the primary purpose. You will also be expected to share knowledge and expertise across the Technology group and support a continuous improvement process.

Principal Activities

- To produce high quality software products to match customer requirements
- To work proactively to deliver software in agreed timescales
- To design and implement new product features
- To maintain and improve existing products
- To contribute to the capability of the team through effective knowledge transfer and coaching as required
- To advocate good software engineering practices and continuous professional development

Experience

Essential:

- Appropriate qualifications and/or experiences in a Software Engineering discipline.
- At least 4 years commercial C++ development experience.
- Strong software engineering skills with knowledge of modern development principles and best practice.
- Experience of different and varied APIs.
- Experience of developing end user desktop applications.
- Used to troubleshooting challenging software issues, including in unfamiliar code.
- Track record in learning new idioms, patterns and technologies.
- Familiar with collaborative working methods: contributes actively in team discussions.

Preferred:

- Experience of agile development environments, including pair programming.
- Test driven development.
- User interface design.
- Experience in development of scientific or computational software.

Location

GeoTeric Newcastle office.