

Staff Grade - RSK Biocensus - GIS Developer

Our company is growing rapidly and is looking for a GIS developer to provide additional and advanced expertise in software and web development.

Main Function

A GIS Developer is responsible for managing and overseeing advanced customisation of current digital data capture, interpretation and presentation methods. You will use your programming skills to input into development of workflows and encourage advancement of current systems. You will undertake all work with an appropriate level of care and attention, compliant with RSK procedures and within given budgets and timescales. You will lead new initiatives to improve our working practices. You will demonstrate very good communication skills with team members and peers. You will be self-motivated, exhibiting a proactive approach to assisting colleagues with their projects. You will build on your knowledge and practical skills, through shadowing, networking, personal endeavour and training.

Qualifications & Experience Requirements

Typically, you will hold at least a first degree in a relevant discipline, or equivalent experience. You will also have industry experience with the ability to undertake the below key skills, duties & responsibilities. Additional completed GIS/programming related training courses would be advantageous.

Memberships

GIS Developers are required to belong to an appropriate professional institution as relevant for their experience, such as a Fellow of the Royal Geographical Society. You should be familiar with the Competency Framework and the requirements for CPD, which you must meet.

Key Skills

- Experience working within an ESRI (or equivalent) environment
- Experience working with and writing with JSON, Python, Arcade, along with a working knowledge of both front and back end, especially in terms of UI and UX.
- Knowledge of UI/UX – all development must be suitable for ecologists using platforms.
- Knowledge and experience with SQL / FME / HTML / ArcGIS Pro SDK essential for future development of standardised proformas and how we interrogate/display survey data for a variety of audiences, such as clients, project managers and ecologists.
- Awareness of good practice and clean working procedures following programming principles so any code we develop is “maintainable, extensible and easy to understand”.
- Strong creative problem solving abilities.
- Flexibility to work in an agile way and respond to requests quickly so we can develop our systems and processes.
- Demonstrate skills in dealing with difficult situations and brokering acceptable solutions.

- Aim to have a good understanding of ecological principles and survey techniques and how they affect the data we collect and need to interpret and / or present, both internally and externally.

Line Management

You will report to your line manager and will be expected to take responsibility for managing your own time, workload and utilisation. You will support less-senior colleagues in their technical duties.

Typical Duties & Responsibilities

- Support the GIS and Data Management team with development skills, in relation to ESRI products including webmaps, experience builders, dashboards, reports and webhooks allowing GIS systems to talk to Microsoft systems.
- JavaScript / Arcade programming to assist design and development of ESRI apps suite in ArcGIS online.
- Work on developing initiatives relating to data capture or ways of working, leading more junior staff or those less experienced in coding practices.
- Developing methods to generate PDF reports from ESRI databases in line with ecological legislation and reporting requirements. This could involve interaction with Python and JavaScript, or similar, to achieve.
- Developing methodologies, standards and training materials.
- Supporting wider business developments.
- Collaborating with RSK Biocensus colleagues and other RSK Business Units for the benefit of the company, and building strong relationships with senior colleagues.
- Providing leadership, direction and advice, acting at all times with professional integrity, and exercising sound professional judgment within (and recognising the limits of) your competence.
- Developing your professional knowledge and skills; maintaining a personal CPD record and an up-to-date professional CV.
- Actively using the PDR process to set objectives for the year ahead that develop your skills and competencies in line with the team's needs and your interests and aptitude.
- Taking a proactive role in mentoring staff towards their full potential, leading by example, and supporting a quality-led culture.
- Managing your workload, giving priority to the tasks that need to be completed first.
- Acting at all times to promote the environmental and sustainability goals of the business.

RSK is an international company with offices across Europe and the Middle East and with operations and prospects for project work in numerous countries around the globe. You should be aware of the opportunities for international work and should be prepared to give reasonable consideration to undertaking overseas postings on an agreed and as- required basis.