

GIS Software Analyst/Developer

Background

The Marine Geomatics & IT team within UCC's Coastal and Marine Resources Centre (CMRC, <http://cmrc.ucc.ie/>) has an internationally recognised track record in the research and development of systems and infrastructures for environmental management and decision support using Geographic Information Systems (GIS) and web-GIS standards and in providing customised solutions for data-management, visualisation, integration, delivery, and geo-spatial analysis.

Due to continued success in EU FP7 (Seventh Framework) research project funding, we are seeking to recruit an experienced IT professional to become a member of the Marine Geomatics & IT team. This is an excellent opportunity for a skilled IT professional to work in the expanding area of GIS technology and its applications. Recent successfully funded FP7 research projects awarded to the Marine Geomatics & IT team include [NETMAR](#), [MESMA](#), [Geo-Seas](#), and [CoralFISH](#).

Expected role

The successful candidate is expected to contribute to one or more of the European projects mentioned above. He/she will be a highly motivated self-starter working very closely with the Marine Geomatics & IT team on the development and documentation of innovative software architectures and solutions for the management, delivery, visualisation, and interoperability of marine geospatial data.

The successful candidate will also be responsible for liaising with project partners, attending meetings, and coordinating and producing project deliverables on schedule.

The successful candidate will be expected to contribute to the multi-disciplinary approach fostered by the Centre and will also have the opportunity to collaborate with the wider group of academic researchers in UCC and throughout the Republic of Ireland and will be actively encouraged to pursue independent research.

Qualifications

Candidates for this post are expected to have fully documented post-graduate / professional experience, with either:

- A higher degree in an IT discipline, and a good appreciation of earth sciences,
- Or, a higher degree in an earth science, along with appropriate qualifications / experience in IT.

The ability to demonstrate practical experience in one or more of the following areas is essential:

- Software development methodologies including open architectures frameworks (e.g. RM-ODP) and software analysis,
- Programming/web development,
- Familiarity with web-based GIS systems, standards, and data management practices,
- Competence in report writing, and excellent communication skills (oral and written).

Ideally the candidate will also be able to demonstrate:

- Familiarity with EU Framework research projects,
- Leadership and project management skills,
- Aptitude and experience in developing project proposals,

- Ability to produce high quality scientific and technical papers,
- Ability to work as part of a team.

Appointment duration and salary

The appointment will be for an initial period of two years (subject to a review after 12 months) with an opportunity to extend based on funding availability and performance, with a starting salary negotiable in the range €43,000 to €53,000 per annum depending on experience and qualifications.

Working environment

CMRC is a multidisciplinary research group in and is part of the Environmental Research Institute (<http://eri.ucc.ie>) in University College Cork. The successful candidate will be located in the CMRC's fully equipped offices on Haulbowline Island opposite the historical town of Cobh. The Centre's primary objective is to make a significant contribution to the scientific understanding and management of coastal and marine environments.

Additional information

Closing date for applications is **Monday 22nd March 2010**.

Completed [application forms](#) and CV's may be submitted either electronically or by mail. To apply please complete the application form which can be downloaded at:

http://cmrc.ucc.ie/jobs/geomatics/JobApplicationForm_2010.doc

And return together with your curriculum vitae to Gráinne Lynch (grainne.lynch@ucc.ie), or to the following address:

Coastal & Marine Resources Centre,
Naval Base, Haulbowline,
Cobh,
County Cork,
Ireland.
Phone: 00 353 21 4703100
Fax: 00 353 21 4703132

Notes

UCC is an equal opportunity employer.