Research Fellow

Data Engineering and Data Spaces

Insight Centre for Data Analytics

Ref. No. University of Galway 273-22

Applications are invited from suitably qualified candidates for a full-time fixed term 24 month contract position as Research Fellow with the Insight Centre for Data Analytics at the University of Galway, Ireland.

Job Description:
The research fellow post is funded through the Digital Europe project “DS4EU” that has been granted by the European Union. This project is highly interdisciplinary as it supports the advancement of Data Spaces in Europe on an unprecedented scale with a European approach to data sharing that optimizes economic benefits combined with European values. The consortium comprises includes 15 European partners including academic and industry partners.

The research fellow will be expected to perform a leading role in DS4EU within an established group of researchers and PhD students focusing on data spaces, data engineering, and data governance, as well as a long tradition of applying this expertise in various domains, including healthcare, education, sustainability, smart cities, privacy, and digital humanities.

The successful candidate will be the lead researcher on the DS4EU to support data spaces and data sharing technologies. The successful candidate will have the opportunity to shape the data landscape within Europe, establish principles for and develop tools to support best practices for data spaces, and support stakeholder awareness and education. You will participate in cross-consortium meetings with academic and industry project partners and engage within external events with stakeholders in the European Data Ecosystem.

The successful candidate will be based in the Insight SFI Research Centre for Data Analytics at the University of Galway. The candidate will be supported in their professional development, be able to avail of a range of career level focussed training opportunities, have the potential to publish research findings in leading journals and international events.

Duties:
The successful candidates will be expected to perform a leading role in research, supervision, and research management. Responsibilities include but are not limited to:

- Establish principles and tools to support best practices for data spaces in collaboration with the European data community
- Driving a dedicated research agenda on data engineering and data spaces within the Centre.
- Developing new directions of research leading to peer-reviewed publications in top conferences and journals
- Establishing collaborations with industry on data engineering and data space-related projects
● Leading research projects, reporting and team management for the project including the supervision of junior researchers
● The project will involve international travel to consortium meetings and presentations of research at international conferences
● Proactively identifying opportunities for external funding sources and preparing grant proposals in collaboration with the PI

**Essential Requirements:**
● A PhD with 5+ years of experience in computer science, engineering, or a related discipline
● Expertise in technical aspects related to data spaces including data engineering, management, integration, sharing, privacy, analytics, licencing, and data governance.
● A proven track-record of research performance including publication and dissemination of results and collaborations
● Ability to lead multi-disciplinary teams and partnerships for collaborative research at national and European levels.

**Desirable Requirements:**
● Expertise in related areas including data platforms, data ecosystem, artificial intelligence, knowledge graphs, linked data, or event processing
● Experience in successfully preparing/writing grant proposals and participating in collaborative research projects
● Experience in working with industry

**Salary:** €56,933 - €62,037 pro rata for shorter and/or part-time contracts (public sector pay policy rules pertaining to new entrants will apply).

**Start date:** Position is available from earliest possible start date from November 2022

**Continuing Professional Development/Training:**
Researchers at University of Galway are encouraged to avail of a range of training and development opportunities designed to support their personal career development plans. University of Galway provides continuing professional development supports for all researchers seeking to build their own career pathways either within or beyond academia. Researchers are encouraged to engage with our Researcher Development Centre (RDC) upon commencing employment - see HERE for further information.

Further information on research and working at University of Galway is available on Research at University of Galway

For information on moving to Ireland please see www.euraxess.ie

Further information about the Insight SFI Research Centre for Data Analytics is available at www.insight-centre.org

Informal enquiries concerning the post may be made to Professor Edward Curry
To Apply:
Applications to include a covering letter, CV, and the contact details of three referees should be sent, via e-mail (in word or PDF only) to galway@insight-centre.org

Please put reference number **University of Galway 273-22** in subject line of e-mail application.

The closing date for receipt of applications is 5 pm on Friday 11th November 2022.

We reserve the right to re-advertise or extend the closing date for this post.

University of Galway is an equal opportunities employer.

All positions are recruited in line with Open, Transparent, Merit (OTM) and Competency based recruitment.