Research Position in Social Digital Twin research – Fujitsu Research of Europe
Slough, UK

Are you someone who enjoys using your research mindset to explore and innovate? Do you want to shape your world and change the way it works? Do you want to collaborate with committed people and achieve results together to develop truly human centric innovation?   Are you someone who is interested in creating innovations to build trusted, sustainable societies developing machine learning insights from big data, digital twins and computational social science? If this is your world, here is an opportunity to shape it for the better.

At Fujitsu Research of Europe (FRE), we are combining research and industrial innovation to transform the society. FRE is a multidisciplinary centre which, as part of Fujitsu's global R&D activity, conducts research and innovation – shaping our world for the better as well as supporting the constant learning of our employees.

Shape your world

We are looking for a Senior Researcher in our Social Digital Twin Research Group, creating new technologies for Fujitsu's global laboratories' and applying our technologies to transform our customers' activities.

The Social Digital Twin project develops solutions to social issues. We create integrated technologies that combine large scale data with knowledge from a variety of fields, including data science, the humanities, and social sciences. We are developing systems that use real-world, real-time data to create digital twins that mirror the behavior of complex systems –cities, transport, power – and enable their management.

We are looking for a Senior Researcher who can create technologies for the Social Digital Twin and integrate research outputs into to functional end to end systems.

The group works closely with other groups in Fujitsu Research's global network of laboratories and travel may be required to foster these collaborations.

The output of our research is expected to be both published at top conferences and contribute to Fujitsu's businesses.

Your role will focus on developing machine learning insights that can become part of the SDT platform and involve:

- Developing machine learning insights that can be integrated into the Social Digital Twin platform to solve real world problems
- Finding, evaluating, and integrating real-world data sources
- Identifying requirements for technology demonstrations, designing solutions using SDT technologies
- Working closely with Fujitsu Global R&D groups to create and use SDT technologies.

Your experience

You will be able to demonstrate some of the following:

- Extensive Machine Learning expertise, leading technical collaboration with academia / industries for 5 years or more.
- Developing for data driven applications (IoT, streaming data etc.)
- Development of production models to implement machine learning models of social systems
- You will also need: A Post-Graduate qualification (preferably PhD) in a relevant field, with a strong research component
- Excellent communication and interpersonal skills
- Ability to propose research topics by exploring potential future business opportunities
- Ideally, understanding of the principles of software engineering and proficiency in one or more programming languages

Shape your world and achieve together
We want the best people on our team, so we welcome and encourage applications from people with a diverse variety of experiences, backgrounds and identities. The role may demand some travel and flexibility to meet business needs, within a culture of respect for professional and private commitments. We are committed to equality of opportunity for all.

If you want to work alongside people with different ideas, in an inclusive business, that will welcome you and support you, come and co-create the future at Fujitsu.
#Shapeyourworld