

Generative AI Trust and Security – Senior Researcher

Slough (UK)

Are you someone who enjoys using your research mindset to explore and innovate? 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 innovative solutions using core techniques to solve real market problems around AI? If this is your world, here is an opportunity to shape it for the better.

Well, here at Fujitsu Research of Europe (FRE), we are combining research and industrial innovation to transform businesses and society. FRE is a multidisciplinary, purely research-oriented center that, as part of Fujitsu's global R&D activity, conducts research and innovation in different domains such as Generative AI Trust, Network and Data Security, Smart Cities, AutoML, and more.

We are looking for a Senior Researcher to join our global Gen AI Trust group, applying Fujitsu's global laboratories' technologies to transform customers' businesses. Technologies are currently applied in various industries such as Transport, Finance, Mobility, and Manufacturing industries.

Achieve Together

We are looking for a Researcher in our Generative AI Trust Group working on human-centric AI innovations as part of a Global research team. Your role will involve:

- Research and development in Generative AI trust and cyber security domain, leading and participating in cutting-edge research projects, focusing on generative models trust and security topics.
- Accountable for leading research collaboration projects with academic & industrial partners involving researching technologies that offer solutions to threats posed to Generative AI models and machine learning, improving the trustworthiness and security of AI-based systems and software, especially Generative AIs as well as improving cyber security activities utilizing AI models.
- Technical leadership and working closely with Fujitsu Global R&D groups to develop the required AI cyber security technologies. The output of the research is expected to be both published at top conferences and contribute to Fujitsu's businesses.
- Mentoring interns and junior researchers.

Your experience

You will be able to demonstrate that you have:

- Ph.D. or similar Post-Graduate qualification in computer science or related field or equivalent research.
- Proven experience in Machine Learning, Artificial Intelligence, Deep Learning models, especially Generative AI (Hands-on experience with Large Language Models or Diffusion Models – advantage).
- A passion for cyber security and AI security.
- Proficiency in Python/PyTorch and popular data science libraries.
- Good research track record and publications in top-tier conferences and journals.
- Experience in leading research collaboration projects with tangible outcomes.
- Able to propose research topics by exploring potential future business opportunities.
- Excellent oral and written communication skills.

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 flexibility to meet business needs, within a culture of respect for professional and private commitments. We are committed to equality of opportunity for all. To apply for this opportunity, please send your CV to: dlFLerecruit@uk.fujitsu.com

About Fujitsu:

Fujitsu's purpose is to make the world more sustainable by building trust in society through innovation. As the digital transformation partner of choice for customers in over 100 countries, our 124,000 employees work to resolve some of the greatest challenges facing humanity. Our range of services and solutions draw on five key technologies: Computing, Networks, AI, Data & Security, and Converging Technologies, which we bring together to deliver sustainability transformation. Fujitsu Limited (TSE:6702) reported consolidated revenues of 3.7 trillion yen (US\$28 billion) for the fiscal year ended March 31, 2023 and remains the top digital services company in Japan by market share.

Find out more: www.fujitsu.com.

About Fujitsu R&D:

Fujitsu's Research and Development (R&D) is at the forefront of Fujitsu's sustainability transformation strategy, conducting cutting-edge research to tackle social challenges and improve our future world. With our focus on 5 key technologies - Computing, Network, AI, Data & Security, and Converging Technologies - we deliver comprehensive value to our customers by combining them creatively and dynamically. Fujitsu's R&D vision is to create cutting-edge technologies that support society and prioritize the flow of data. Our five key technologies are essential elements for collecting data from all parts of society, transporting it over ultra-high-speed and secure networks, analyzing it with trusted AI, converting it into value, and returning it to society.

Central to realizing our strategy and vision are the people behind our R&D initiatives. We strive to foster top-notch talent in the innovation process by nurturing skilled individuals equipped to advance this cause with originality and dedication. Fujitsu's R&D team is strategically located in Japan, North America, Europe, Israel, India, and China to leverage the expertise of global talents to create cutting-edge technologies.

Fujitsu's trusted technologies are aligned with the UN's Sustainable Development Goals (SDGs) to promote sustainability while protecting the planet. Through open innovation, co-creation, and startup collaboration, Fujitsu's trailblazing technologies underpin the transformation process, working with customers and Fujitsu businesses to solve real-world problems in today's digital society.

Find out more: <https://www.fujitsu.com/global/about/research/>

About Fujitsu Research of Europe:

Representing Fujitsu's research activities in Europe, Fujitsu Research of Europe's activities are focused on the creation of cutting-edge technologies, helping to realise Fujitsu's purpose of making the world more sustainable by building trust in society through innovation. We are committed to leading the way towards large-scale societal transformation, developing trusted digital technologies that help realize successful Digital Transformation (DX) strategies.

Established in 2001 and with an active presence in Europe since 1990, Fujitsu Research of Europe's activities are spread between our UK HQ near Heathrow outside London and our branches in Tel-Aviv and Madrid, employing some 60 staff including highly skilled data scientists and researchers.

Fujitsu Research of Europe is regarded as one of the region's research and development centres, with its wide range of R&D and co-creation activities focusing on cutting edge innovations that address real-world challenges, underpinned by ethical concepts.

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.

#LifeatFujitsu