

Fujitsu Research of Europe

High Performance Computing

Researcher / Senior Researcher

Slough (UK)/ Madrid (ES)



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?

Well, here at Fujitsu Research of Europe (FRE), we are combining research and industrial innovation to transform businesses and society. FRE is a multidisciplinary center which, as part of Fujitsu's global R&D activity, conducts research and innovation – achieving together whilst supporting our employees. We are currently looking for a researcher in our Computing Research Group, working on exploring how the use High Performance Computing to accelerate applications at the intersection of Artificial Intelligence and Genomics.

Your role will involve:

- Analyzing and profiling code to find hotspots
- Using parallel and distributed computing techniques to accelerate algorithms, in particular those dealing with large scale graph computations
- Optimization for heterogeneous (CPU + GPU) architectures or for Fujitsu's Arm-based A64FX processor

Your experience

To be suitable for this opportunity, you will be pro-active in your approach, adaptable and able to demonstrate that you have:

- Experience with High Performance Computing techniques such as MPI, OpenMP, Intel TBB etc
- High proficiency in one or more programming languages
- A track record of writing academic publications
- Excellent written and verbal communication skills

The following skills are optional but desirable:

- Experience with Graph based algorithms such as Graph Neural Networks
- Working with knowledge graphs and graph databases
- Experience in a healthcare related field such as cell simulation, bio-informatics or genomics

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 learn more about this opportunity, please contact: dIFLERecruit@UK.fujitsu.com

#AchieveTogether