

**Job Announcement:**  
**Researcher or Senior Researcher (m/f) in a part-time position (50%)**  
**for the BMBF-funded project „UPLINX“**

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The German Research Center for Artificial Intelligence (Deutsches Forschungszentrum für Künstliche Intelligenz, DFKI) is the leader the development of innovative software technologies in Germany. In the international scientific community, DFKI counts to of the most important „centers of excellence“ and is nowadays – considering the number of employees and third-party funding budget – the biggest research center on artificial intelligence in the world.

DFKI is now looking for a senior researcher (m/f) or a researcher (m/f) to join the research group „Interactive Textiles“ (head: Prof. Dr. Gesche Joost) in Berlin.

This part-time position (20h/week) is financed as part of the research project „UPLINX“ funded by BMBF (German Ministry of Education and Research) and limited to 24 months. The research project’s scope is to develop an inter-university qualification curriculum in the area of machine learning. The research group „Interactive Textiles“ contributes the focus on wearables and Internet of Things to the joint curriculum.

**Responsibilities**

Your responsibilities include:

- Networking activities with the DFKI chapters in Bremen, Kaiserslautern and Saarbrücken in order to coordinate the teaching programme;
- Organisation of two summer schools during the project duration;
- Integration of the qualification curriculum with existing university lectures and seminars at the Berlin chapter;
- Organisation of workshops with potential and actual partners from industry;
- Concept development and implementation of web-based education content;
- Participatory definition of relevant application contexts with reference to the other chapters’ contents focus and with potential relevance for potential industrial partners in the areas of wearables and IoT
- Concept development and implementation of functional models
- Critical examination of pre-existing and newly generated sensor data from existing case studies
- Selection and application of suitable machine learning algorithms for the sensor data
- Project management
- Documentation and dissemination of the project

**Requirements**

What you should bring along:

- Successfully completed master or diploma degree in either textile design, interaction design, industrial design or similar;
- Experience with research and development projects in an academic setting as well as with academic publishing;
- Experience in developing electronic textile functional models and demonstrators;
- Experience with participatory methods or a high willingness to acquire such

- knowledge;
- Willingness to acquire knowledge in machine learning approaches;
  - Experience in organising workshops and events;
  - High ability to communicate and work in teams as well as a confident demeanor, especially in front of partners and customers;
  - Pleasure in the joint enhancement of the research group
  - Scholarly-analytic thinking capabilities on a high professional level;
  - Interest in interdisciplinary research;
  - Fluency in written and spoken English.

**Application Process:**

If you are interested in this position, please send a written application, mentioning the reference number Nr. 10-18/GJ with a cover letter (in which you explain your interest in the position and why you are qualified for it), portfolio, CV and certificates in electronic form to the head the research group, Prof. Dr. Gesche Joost and Sina Born (recruiting-intex@dfki.de)