As a University of Excellence, Universität Hamburg is one of the strongest research universities in Germany. As a flagship university in the greater Hamburg region, it nurtures innovative, cooperative contacts to partners within and outside academia. It also provides and promotes sustainable education, knowledge, and knowledge exchange locally, nationally, and internationally.

Pending approval of external funding The Faculty of Mathematics, Informatics and Natural Sciences, Department of Informatics, Human-Computer Interaction invites applications for a

RESEARCH ASSOCIATE
FOR THE PROJECT "KI-SPACE FÜR INTELLIGENTE GESUNDHEITSSYSTEME (KI-SIGS)"
- SALARY LEVEL 13 TV-L -

The position in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) commences on 1st of April 2020.

This is a fixed-term contract in accordance with Section 2 of the academic fixed-term labor contract act (Wissenschaftszeitvertragsgesetz, WissZeitVG). The term is fixed for a period of 3 years. The position calls for 100 % of standard work hours per week**. This position is also suitable for part time employment.

RESPONSIBILITIES:

Duties include academic services in the project named above (75%). The remaining working time primarily include teaching and research (25%). Research associates may also pursue independent research and further academic qualifications.

SPECIFIC DUTIES:

The area of responsibility includes the development and provision of interactive applications for movement training based on artificial intelligence. These tools are intended to analyze movements and provide feedback on (in-)correctly executed movements using intelligent virtual agents and robot systems. In addition to working on the project (75%), the area of responsibility also includes participation in giving lectures and supervising of theses (25%) with a total of 1 semester hour.

* Full-time positions currently comprise 39 hours per week.
**REQUIREMENTS:**

A university degree in a relevant field. Preferably in the subjects Human-Computer Interaction or (Media) Computer Science as well as very good programming skills and interest in interdisciplinary teamwork. In addition, very good English skills and experience in at least one of the following research fields are preferable:
- Human-Computer Interaction
- Perception Psychology and / or Cognitive Sciences
- Interaction Design or Interactive Media
- Computer Vision or Artificial Intelligence
- Game Design and Development
- Interactive 3D Computer Graphics

For the implementation, additional technical skills would be preferable in the following fields:
- Unity3D, Unreal or similar engines
- Object-oriented programming (e.g., C#, C ++ or Java)
- Embedded Systems / Electronics (e.g., Arduino Development)
- Statistics (e.g. R or SPSS)
- Input and output devices (e.g., Kinect or PrimeSense)

The Free and Hanseatic City of Hamburg promotes equal opportunity. As women are currently underrepresented in this job category at Universität Hamburg according to the evaluation conducted under the Hamburg act on gender equality (Hamburgisches Gleichstellungsgesetz, HambGleiG), we encourage women/man to apply for this position. Equally qualified and suitable female applicants will receive preference.

Qualified disabled candidates or applicants with equivalent status receive preference in the application process.

For further information, please contact Prof. Dr. Frank Steinicke unter frank.steinicke@uni-hamburg.de or consult our website at hci.informatik.uni-hamburg.de.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by **11.03.2020** to: antje.luenstedt@uni-hamburg.de.

Please do not submit original documents as we are **not** able to return them. Any documents submitted will be destroyed after the application process has concluded.