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
“WISSENSVERNETZUNG UND KOLLABORATION DURCH AUGMENTIERUNG DER REALITÄT IN PRODUKTIONSNAHEN DIENSTLEISTUNGEN ODER (WIZARD)”
- 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 2.5 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. Research associates may also pursue independent research and further academic qualifications.

SPECIFIC DUTIES:
The aim of the research project is to provide companies access to smart services in the course of digitization using augmented and virtual reality (AR/VR). In particular, to develop a Domain Specific Language (DSL) for the modeling and development of AR/VR applications. The candidate's area of responsibility includes the investigation of use cases of AR/VR as well as the development and evaluation of presentation and interaction paradigms as well as AR/VR prototypes.

* 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
- Virtual and Augmented Reality
- Interaction Design or Usability Engineering

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)

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 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 20th of February 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.