Announcing **Open Position as PostDoc or PhD student**

with Research Task of

**Understanding Usability Data with Artificial Intelligence**

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Analytic Computing is a new team of a dozen researchers and a nucleus for an Institute on Artificial Intelligence in foundation at Universität Stuttgart, Germany. Our research interests bridge all aspects of research on the semantics of data, covering aspects of knowledge graphs, machine learning, natural language processing, intelligent user interfaces, as well as research on AI and society.

We invite applications as researcher for a full-time position

PostDoc or PhD student (100% TV-L E13)

Your research will involve machine learning and data mining on eye-tracking data collected for usability analysis. The aim is to automate the task of usability analysis. The duration of the position is limited to 3 years.

**What We Will Offer**

We provide you with a friendly, but challenging interdisciplinary research environment and support your academic career towards accomplishing your Ph.D. or progressing with research publications (e.g. towards habilitation). You will become part of a dedicated team of 4 researchers in the field of eye tracking for intelligent interfaces. Beyond this core team, computer science at Universität Stuttgart is renowned for its work on intelligent user interfaces with 5 different research groups working on related topics and thus allowing for further opportunities for collaboration. You will collaborate closely with the team of EyeVido, which offers a commercial solution for collecting and analyzing user interaction data, and collects real-world data.

**What You Will Contribute**

Using machine learning and data mining on user interaction data (including eye tracking and speech), you will develop intelligent methods that will provide software developers with insights into the usability problems that their Web interfaces exhibit. You will advise and tutor bachelor and master students in the computer and data science programs of the department in topics related to your research.

**Eligibility**

Applicants for the position are required to have a MSc in computer science or related field. You should possess knowledge in machine learning and data mining. Experience with usability analysis and user interaction data is an advantage. Good social and communication skills are required.

**Salary**

The salary amounts to German TV-L E13, which starts at approx. 50,000 Euro income per year (before taxation). The position is open as of April 1, 2020.

**Application**

Please submit your application including the usual documents as well as a list of references until March 31, 2020, by email to:

Prof. Dr. Steffen Staab
E-Mail: steffen.staab@ipvs.uni-stuttgart.de