Job Announcement D 92/2019

The following position is to be occupied at the University of Rostock, Faculty of Electrical Engineering and Computer Science, Department of Computer Science, Practical Computer Science Group. The Position is for the duration of three years starting on 01.07.2019 within the Project „DigiCare – Digital Training of Nursing and Health Management Personnel“ for the topic of reconstruction of semantic learning dialogue structures from semi-structured learning materials with methods from the field of natural language processing and is subject to funding availability.

Scientific staff position (PhD candidate)
(Salary scale 13 TV-L, full-time position, fixed term, qualification position)

The Department of Computer Science at the University of Rostock is extending its research in the field of artificial intelligence and machine learning. The DigiCare Project is funded by the European Social Fund through the Excellence Initiative of the State Mecklenburg-Vorpommern and aims to ensure the qualification of the position holder (doctor degree).

Further information: https://pidi.informatik.uni-rostock.de/forschung/projekte/digicare/

Research tasks:
- development of symbolic models for the representation of learning dialogue structures especially for nursing and health management courses
- development of methods for learning of causal models from textual study materials based on natural language processing approaches
- development of intelligent dialogue-based system for the support of students based on machine learning methods
- implementation of the developed methods in a prototype dialogue-based system
- experimental evaluation of the system with application in the domain-specific learner-controlled presentation of teaching and learning materials in the nursing and health management courses
- supervision of student assistants and student works in the context of the project
- publication of the results

Requirements for applying to the position:
- successfully completed university degree (Diplom, Master or comparable) in the field of computer science with a good grade
- founded theoretical and practical knowledge and experience in the field of artificial intelligence / computational intelligence, especially machine learning and natural language processing
- ability to work practically and experimentally with existing current software infrastructures from the fields of machine learning and artificial intelligence
- ability and interest for independent research and for presenting results in scientific publications
- good knowledge of written and spoken English and German language
- self-organisation and ability to work in interdisciplinary research groups
- the applicant's commitment in working on his / her own research qualification is desired

**We offer:**
- a diverse and ambitious topic in a university with traditions, that however offers innovative, modern and family friendly atmosphere in a city located on the Baltic Sea
- contract according to the regulations of the contract rate for the public sector of the state (TV-L)
- the option to work on her / his own doctor degree
- full-time position
- compensation according to salary group 13 TV-L given that the personal and rate requirements are fulfilled

**Further Notes**
The position is also suitable for part-time work. In case, such applications are submitted, it will be proven whether the request of part-time work is possible.

The position is a fixed-term position according to § 2 (2) WissZeitVG.

University of Rostock is following the university management guidelines.

Equality is an integral part of our policy towards personnel. Applications of candidates with impairments or equivalent persons are welcomed. The University of Rostock aspires the increase of women in research and teaching and explicitly welcomes highly qualified women to apply to the position. Applications from persons with foreign nationalities or with migration background are also welcome.

If so desired, the staff council can be involved in the application procedure. In such case, please include in your application documents a formless request for the involvement of the staff council.

We are looking forward to your application. Please send your informative documents per Email with the standard documents, that are to be submitted at bewerbungen.personal@uni-rostock.de no later than 05. Juni 2019. When sending your application, please use the subject "Ausschreibung D 92/2019 - Name, Vorname". Only applications that are submitted on time will be considered. Please, submit your application together with all relevant documents in a pdf format as a single file. The protection of your personal data is very important for us. To ensure this, your data will be collected, processed and used according to the data protection regulations.

Application- and travel costs cannot be covered by the State Mecklenburg-Vorpommern. For further questions, please, contact us under:

Department of Computer Science  Prof. Dr. Ing. Alke Martens, Tel. 0381/4987640
Staff service  Franziska Lobe, Tel. 0381/498-1291