Universität Hamburg
DER FORSCHUNG | DER LEHRE | DER BILDUNG

RESEARCH ASSOCIATE § 28 SUBSECTION 1 HMBHG

Institution: Faculty of Mathematics, Informatics and Natural Sciences, Department of Informatics, Group of Technical Aspects of Multimodal Systems

Salary level: EGR. 13 TV-L

Start date: 01.11.2024, the initial fixed term is three years. (This is a fixed-term contract in accordance with Section 2 of the academic fixed-term labor contract act [Wissenschaftszeitvertragsgesetz, WissZeitVG]).

Application deadline: 2024-08-12

Scope of work: full-time position suitable for part-time

Your responsibilities

Research associates will be expected primarily to teach and conduct research. The research associate will also have the opportunity to pursue further academic qualifications, in particular a doctoral dissertation. At least one-third of set working hours will be made available for the research associate's own academic work.

They will be giving the following courses:

- winter semesters:
    - seminar on "Intelligent Robotics", Project Intelligent Robotics, as well as the practical course "Mobile Robots", starting from 01.10.24
- summer semesters:
    - practical course "Introduction to Robotics" and the project "Intelligent Robotics"

4 teaching hours (LVS) per week. Research on multimodal Large Language Models to guide manipulation, sensors and perception, preferably with publications at journals and conferences.

Your profile

A university degree in a relevant field.

At least a Master, Diploma or equivalent degree in Computer Science is required for the integration of new methodology from the emerging multimodal Large Language Model aspect toward a human robot interaction system. Extensive programming knowledge in ROS (C++, C, Python), and model training frameworks e.g. Pytorch, Keras, and Tensorflow as well as practical experience with NVIDIA clusters of GPUs such as H100 are required. Good knowledge of English (written and oral), ability to work in a team as well as confident presentation skills are essential. Work experience in related industries would be welcomed.

We offer

- Reliable remuneration based on wage agreements
- Continuing education opportunities
- University pensions
- Attractive location
- Flexible working hours
- Work-life balance opportunities
- Health management
- Educational leave
- 30 days of vacation per annum

Universität Hamburg—University of Excellence is one of the strongest research educational institutions in Germany. Our work in research, teaching, educational and knowledge exchange activities is fostering the next generation of responsible global citizens ready to tackle the global challenges facing us. Our guiding principle "Innovating and Cooperating for a Sustainable Future" drives collaboration with academic and nonacademic partner institutions in the Hamburg Metropolitan Region and around the world. We would like to invite you to be part of our community to work with us in creating sustainable and digital change for a dynamic and pluralist society.

The Free and Hanseatic City of Hamburg promotes equal opportunity. As women are currently underrepresented in this job category at University of Hamburg according to the evaluation , HambGleiG), we encourage women to apply for this position. Equally qualified and suitable female applicants will receive preference.

Severely disabled and disabled applicants with the same status will receive preference over equally qualified non-disabled applicants.

Instructions for applying

Contact

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Location

Vogt-Kölln-Straße 30
22527 Hamburg
Zu Google Maps

Reference number

242

Application deadline

2024-08-12

Use only the online application form to submit your application with the following documents:

- cover letter
- CV
- copies of degree certificate(s)

If you experience technical problems, send an email to bewerbungen@uni-hamburg.de.
More information on data protection in selection procedures.