

**FACULTY OF ENGINEERING AND COMPUTER SCIENCE
DEPARTMENT OF COMPUTER SCIENCE**

We are offering a position as a

"RESEARCH ASSOCIATE"**ON THE PROJECTS "SMARTOPEN HAMBURG" AND "EMSAFRICA"
EG 13 TV-L, REFERENCE NUMBER 177/19**

This full-time position is intended to be filled as soon as possible and is set to terminate on 31 July 2022. Part-time employment is generally possible, given that all operational interests are considered and met.

You will work on two projects: SmartOpenHamburg and EMSAfrica. EMSAfrica is set to terminate on 30 September 2021, after which you will continue to work full-time on SmartOpenHamburg.

Developing long-term solutions for the social challenges of today and tomorrow is the stated goal of HAW Hamburg, the leading university in northern Germany when it comes to deliberate practice. Excellence in teaching and learning is at the centre of all we do. At the same time, HAW Hamburg consistently continues to build its profile as a research university. People from more than 100 nations help shape HAW Hamburg. This diversity is one of our great strengths.

YOUR ROLE

With respect to the project SmartOpen Hamburg, your tasks will include but are not limited to:

- Requirements engineering with stakeholders
- Designing and implementing a decision support system for traffic and transportation regulation of Hamburg
- Data integration and visualisation
- Creating scientific publications and participating in international conferences

For the third-party funded project EMSAfrica (<https://www.emsafrica.org/>), you will have the following tasks (among others):

- Collaborating with stakeholders from South Africa and Namibia (e.g., in workshops)
- Transforming the MARS framework into a decision support system (e.g., web interface, execution system)

APPLICATION DEADLINE**12.01.2020****ADDRESS****HOCHSCHULE FÜR
ANGEWANDTE
WISSENSCHAFTEN
HAMBURG**

- N.N. -

Reference number 177/19
Berliner Tor 5
20099 Hamburg

Please send your application in
hardcopy form.

Applications by e-mail can be
considered only if the complete
application including enclosures
is sent in one pdf-file with
maximal 10 MB. Please list the
reference number in the subject
line of your e-mail.

E-Mail address:

[bewerbungsmanagement
@haw-hamburg.de](mailto:bewerbungsmanagement@haw-hamburg.de)**CONTACT PERSONS**

The following person will gladly
address your questions regarding
this post:

Prof. Dr. Thomas Clemen,
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For questions regarding HR
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For questions regarding Equal
Opportunities, please contact

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- Creating MARS models (multi-agent simulation)
- First-degree and second-degree support for the MARS infrastructure of HAW Hamburg
- Reporting for project administrators and the BMBF

YOUR PROFILE

Formal requirements

You have completed a scientific university degree (master's or equivalent) in applied computer science or a similar field of study.

The position can also be filled by a university graduate with a bachelor's (or equivalent) degree with a grade-point average of 2.5 (on the standardized grading scale of German educational institutions). In this case, the pay grade classification would be one grade lower (EG 12-TV-L).

In addition, you should have:

Technical expertise

- Very good technical skills in software engineering, databases, programming languages, data science, artificial intelligence
- Interdisciplinary knowledge in modelling with agent-based simulation systems

Work methods

- Ability to work independently, systematically, and on your own initiative
- Experience in publishing in international journals and at international conferences

Personality traits

- Flexibility
- Responsibility
- Commitment

Social skills

- Capacity for teamwork

Furthermore, you are interested in international scientific work and are willing to travel. You speak proficient in the English language – at a level comparable to B2 of the Common European Framework of Reference for Languages. In case of lacking language proficiency, we expect you to participate in internal educational opportunities during working hours.

OUR OFFER

We offer you challenging work in an open-minded, forward-thinking university. You will be part of a team whose members enjoy your participation and are happy to support you in the early stages of your orientation. Your workplace is centrally located and easily accessible via public transport.

We support our employees and students in reconciling work and family. Our senior staff are authorised to lead teams with different work hours and work-life-balance models, as well as mixed age structures.

For additional information about your employer Freie und Hansestadt Hamburg, please visit <https://www.hamburg.de/vorteile/>.

HAW Hamburg has been awarded as a family-friendly university on several occasions and supports the reconcilability of your work and family life.

Disabled persons and their equivalents take precedence over legally unprivileged candidates of the same suitability, ability and professional performance.

We welcome applications from candidates with a migration background.

HAW Hamburg promotes gender equality.

Males are underrepresented in this position's field (§ 3 Section 1 and 3 of the Hamburg Equity Law (HmbGleIG)). Therefore, we encourage male academics and experts to apply for this position. In case of equal suitability, ability, and professional performance, the underrepresented gender shall be viewed as preferable.

WE LOOK FORWARD TO RECEIVING YOUR APPLICATION

Please illustrate to what extent you meet the requirements by submitting the following documents:

- Cover letter
- Tabular curriculum vitae (CV)
- Proof of required qualifications
- Current evaluation or current certifications (see also Information on Application and Selection Procedures (<http://www.hamburg.de/stellensuche-online-clip/2975944/fragen-bewerber/>))
- Proof for consideration of a severe disability or equivalent concern

- Consent to inspection of your personnel file by providing the name of the centre maintaining your file (applicable to public sector employees only).

Information on data protection during selection procedures:
(<http://t.hh.de/11255590>)

For contact information of the equal opportunity commissioner of HAW Hamburg, please click on "Allgemeine Hinweise" at the following link:
<http://www.haw-hamburg.de/stellenangebote.html>