At HafenCity University Hamburg, the following position will be available as soon as possible in the area of TGA with Digital Infrastructure

Research Associate (m/f/d) - TGA with Digital Infrastructure
Pay group 13 TV-L

to support research and teaching with 100% of the regular weekly working hours. The position is limited to 3 years

About us

The HafenCity University Hamburg, University of Architecture and Metropolitan Development (HCU) is a university that focuses on the built environment. The HCU unites all aspects of building and design, engineering, and natural sciences as well as geoscientific and social sciences under one roof.

The Digital City Science professorship at the HCU researches digital technologies for city and metropolitan development. Our interdisciplinary team develops innovative tools for the analysis and planning of complex urban systems, bringing together expertise from architecture, urban and spatial planning, computer science, media technology, etc. In cooperation with partners from science, business, administration and civil society, data-based tools and procedures are developed that are used in both national and international contexts. Our scientific activities include basic research, concrete application projects as well as knowledge transfer in teaching.

The position is assigned to the Professorship of Prof. Dr.-Ing. Jörg Rainer Noennig.

The aim of the qualification is to obtain a doctorate within the period of employment. A project outline for the intended research topics at the HCU (max. three pages) is expected. Motivation and project outline must be submitted with the application.

Here you can find more information about HCU and the employer Freie und Hansestadt Hamburg.

Your tasks

Within your academic qualification, you will take on the role of a "Creative Science Lead" in the interdisciplinary and international team of the Digital City Science Professorship. With a strong interest in topics of urban digitization (digital / smart cities) and your strong conceptual thinking skills, you will initiate innovative research projects, e.g. to develop innovative data-based tools for architectural and urban planning as well as for urban development, to be worked on in the professorship team. You significantly advance the professorship's scientific activities by translating your creative, groundbreaking ideas into applications for cooperative projects with partners at home and abroad. Within the team, in the university and beyond, you establish strategic working relationships with stakeholders from research, development and transfer. You actively participate in the professorship's partner and

project networks and support ongoing projects with your own contacts, creativity and professional expertise. You will take on a leading role in the conception and design of exploratory projects in the field of digital urban research, to which your professional qualifications should contribute.

With your doctoral project, you will qualify and profile yourself for independent research work at the interface of urban development and digitalization. You will also impart your knowledge through innovative teaching formats on BA and MA levels and in this way actively contribute to training the next generations of digital city scientists.

Your profile

mandatory requirements

- an academic university degree (master's degree or comparable) in urban planning/urban development, architecture or a field of study comparable to Digital City Science
- proof of the ability to carry out exploratory, scientific work (research, teaching) in an interdisciplinary, international context
- experience in initiating and supporting complex R&D alliances (e.g. in EU funding programs, Third Party Funding)

additional requirements

- methods and tools for project organization as well as for innovation and knowledge management
- ability to cooperate with specialists in the areas of software development, data science, interactive media technologies
- high team and communication skills
- very good written and spoken English language skills

Contact

For questions and further information, do not hesitate to contact Catherine Vandermeulen, at +49 (0) 40 42827-4076.

The applicant's classification regarding the level of experience within the advertised TV-L pay group is based on the candidate's individual work experience and is reviewed by the HR department. Legally binding statements can only be made by the HR department of the HCU.

Please send your application (including CV, cover letter, and copies of relevant certificates), no later than **07.06.2024** (preferably by email as one PDF file) to:

HafenCity Universität
Personalverwaltung
Stellen-Nr.: 2024-37
Henning-Voscherau-Platz 1
20457 Hamburg
E-Mail: **HCU-bewerbung@vw.hcu-hamburg.de**

Please include the reference number „**2024-37**" in your application**.**

Please be aware that in case of an invitation to an interview, HCU will not be able to cover any expenses for travel and lodging.

Due to the high number of applicants, the HCU will not be able to return application documents. Therefore, please do not submit originals of certificates. If you add a post-paid envelope, the HCU will return your application documents.