

Osnabrück University's Institute for Computer Science is seeking to appoint a

Research Assistant (m/f/d)
(salary grade 13 TV-L, 100%)

to commence work at the earliest possible date for a duration of three years.

Description of duties:

- research and publication in the area of research of the Graphics & Geometric Computing group, in 3D data and geometry processing,
- concretely: work in the DFG-funded research project *Nonlinear Curved Simplicial Meshing with Guarantees*, developing novel robust algorithms for the generation of 2D and 3D meshes with curved elements.

Opportunity to work towards a PhD in the project's scope is given and will be supported.

Required qualifications:

- academic degree (e.g. MSc) in computer science, mathematics, or an adjoining discipline.
- good English language skills (written and spoken).

Desirable qualifications:

- knowledge and interest in one or more of the following areas: computer graphics, computational geometry, curves and surfaces, meshing, finite element simulation.
- very good programming skills, ideally in C++.
- very good English language skills.

We offer:

- an exciting work environment in the internationally oriented and expanding research group Graphics & Geometric Computing.
- opportunities for exchange and collaboration with international experts.
- supervision and support in pursuing your doctoral degree.

The position is available on a full-time or part-time basis.

Osnabrück University is a family-friendly university and is committed to helping working/studying parents balance their family and working lives.

Osnabrück University seeks to guarantee equality of opportunity for women and men and strives to correct any gender imbalance in its schools and departments.

If two candidates are equally qualified, preference will be given to the candidate with disability status.

Applications with the usual documents (curriculum vitae, certificates/transcripts, letter of motivation, if available recommendation letters e.g. from thesis supervisors) should be submitted electronically (as a single, combined PDF document) to Prof. Dr. Marcel Campen, campen@uos.de, no later than **September 6th 2021**.

Recommendation letters may be sent in separate e-mails.

We look forward to receiving your application.

Questions concerning this vacancy can be directed to Prof. Dr. Marcel Campen at campen@uos.de or telephone +49 541 969 3524. Website: graphics.cs.uos.de