

## Job Vacancy

The University Hospital Essen offers first class medical services in the Ruhr metropolis. Every year, 225.000 patients are treated in 30 clinics, 27 institutes and specialized centers. The over 8.000 employees offer medical care with state-of-the art diagnostics and therapies, which meet highest international standards. Patient care is connected with basic and translational research at an internationally competitive level.

### Postdoc Position (m/f/d)

(pay grade: E 13 TV-L)

**Work Area:** Institute for Artificial Intelligence in Medicine

**Job ID:** 10051

**Start Date:** Next possible date

**Work Scope:** Full-time employment / 38,5h

**Contract Type:** Unlimited

**Contract duration:**

#### Your tasks:

- Further improvement, community management and maintenance of the widely used and famous open source tooling developed in our group, namely, Datavzrd, Rust-Bio, and Varlociraptor, as well as active participation in the Bioconda project
- Development and maintenance of Snakemake-based biomedical data analysis workflows with a particular focus on applications in precision medicine

#### Your profile:

- You have completed a PhD in computer science, applied mathematics, technical medicine or related disciplines
- You are highly motivated to expand your knowledge in bioinformatics, genomics, transcriptomics, precision medicine
- You have experience in biomedical data analysis, software engineering, programming with Python and (optionally) Rust as well as workflow development with Snakemake
- You are proficient in English

#### Look forward to:

- An attractive and modern workplace with excellent facilities
  - A work philosophy that aims at developing all our approaches into sustainable, well maintained open source products, instead of performing one-shot analyses for single papers
  - The freedom to make your own choices and work independently but also the security of always getting help or guidance if needed
  - Close contact and frequent exchange with your supervisor and teammates



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  - Close contact and frequent exchange with your supervisor and teammates
  - A cooperative work setting and enthusiasm for innovative research in a diverse and English-speaking team
- A secure job in the public service of the state of NRW
- Fair payment in accordance with the collective wage agreement (TV-L) incl. annual bonus payment and supplementary company pension scheme
- 30 days of vacation per calendar year (for a full-time position)
- Interdisciplinary work with colleagues from other departments
- Working with modern equipment and certified quality standards
- Family-friendly corporate culture, e.g. company daycare center, vacation program for school-age children, advice and support from the Employee Service Office in all life situations
- Wide range of training and continuing education opportunities, e.g. at the Training Academy of UK Essen
- Active health management, e.g. company integration management, vaccinations, promotion of sports activities
- Attractive fringe benefits, e.g. job ticket for public transport, reduced-price canteen meals, community events, accommodation in student residences

### **General conditions:**

- The pay grade classification depends on the personal and collective legal prerequisites.
- The University Hospital Essen is an equal opportunity employer. Female scientists are particularly encouraged to apply.
- The participation in secondary employment depends on the „Hochschulnebenbeschäftigungsverordnung“ of North-Rhine Westphalia.
- Disabled applicants will be preferentially considered in case of equivalent qualification.
- The position is also available as part-time employment.”

### **Contact person and further information about the position:**

You will find detailed information on the job advertisement and contact persons behind the button - Apply now:

<https://bewerbung-karriere.ume.de/Vacancies/10051/Application/CheckLogin/1>

We use your data exclusively for application purposes in accordance with the applicable data protection regulations. Further information can be found in the privacy statement on our homepage at: [www.uk-essen.de](http://www.uk-essen.de).