



HEIDELBERG UNIVERSITY HOSPITAL

The Heidelberg University Hospital is one of the most important medical centers in Germany and stands for the development of innovative diagnostics and therapies as well as their rapid implementation for the patient. With approximately 10,000 employees in more than 50 clinical specialist departments with approximately 1,900 beds, around 66,000 patients are treated on an outpatient basis or 1,000,000 times on an outpatient basis.

The division of **Bioinformatics and Systems Cardiology** at the Klaus Tschira Institute for Integrative Computational Cardiology / Department of Internal Medicine III, seeks to fill a full-time position:

Full Stack Software Developer (m/f/d)

Starting date: as soon as possible / Duration: Initially 2 years; option of further extension.

The division of Bioinformatics and Systems Cardiology at the Klaus Tschira Institute for Integrative Computational Cardiology develops software to study the causes of cardiac disorders (<https://github.com/dieterich-lab>). To accomplish this, we use methods from bioinformatics as well as from clinical data science.

Tasks

The successful applicant will enter a collaborative research environment and contribute to the group's medical informatics software portfolio. The successful applicant will focus on full stack development including front end and back end development. The applicant is also expected to be familiar with team-based software development via GitHub and project management solutions such as RedMine.

Required Qualifications

- Bachelor's or Master's degree in computers science or comparable relevant background and level of expertise
- Programming skills (Python, JavaScript, HTML/CSS)
- Experience with RESTful API development and web frameworks (preferred Flask or Django)
- Knowledge of basic design guidelines (UX/UI).
- Knowledge of database development and administration
- Proficiency in handling large-scale scientific data sets
- Experience of data visualization and related tools is a plus
- Good spoken and written English is expected

Your technical expertise is complemented by essential soft skills, the ability to communicate and work in teams, flexibility and targeted action.

What we offer

The Dieterich Lab (www.dieterichlab.org) offers a stimulating, diverse and international research environment. We are embedded in a vibrant community of cardiovascular research labs and collaborate with many experimentally or theoretically oriented labs in the Heidelberg area.

Additionally we offer:

- individual, goal-oriented further education
- ticket for public transport
- Kindergarten as well as holiday organization for schoolchildren
- Help with finding a flat
- Health promotion
- University sports / Library access

Contact & Application

Please upload a covering letter/supporting statement, including a brief statement of research interests, CV and the details of two referees as part of your online application.

Applications should be sent by email in ONE pdf-file to sekretariat.dieterich@med.uni-heidelberg.de

Please do not hesitate to contact us if you have any further questions.

University Hospital Heidelberg

Department of Internal Medicine III

Section of Bioinformatics & Systems Cardiology

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We stand for equal opportunities. Severely handicapped persons with equal aptitude are given priority employment. The University Hospital strives for a general increase in the proportion of women in all areas and positions in which women are underrepresented. Qualified women are therefore particularly encouraged to apply. Full-time positions are generally divisible unless there are official or legal reasons to the contrary.