UNIVERSITY OF COLOGNE

Faculty of Management, Economics and Social Sciences

Software Developer (f/m/x)

Chair for Information Systems for Sustainable Society (IS3)

We are one of the largest and oldest universities in Europe and one of the most important employers in our region. Our broad range of subjects, the dynamic development of our main research areas and our central location in Cologne make us attractive for students and researchers from around the world. We offer a wide range of career opportunities in science, technology, and administration.

IS3 works on highly interdisciplinary research, drawing from data analytics, decision science, computer science, economics, behavioral science, and machine learning to advance society towards a sustainable future. We encourage a collaborative environment in which our team members can produce impactful research and grow personally and professionally.

YOUR TASKS

» Planning, implementation, coordination and documentation of tools in the research areas of smart energy and mobility. Tools include
  » Simulation platforms
  » Large scale data management tools
  » Analysis & visualization tools
» Planning, improvement and implementation of data analysis workflows in the aforementioned areas
» Publication support (data gathering & processing, writing)
» Administration and maintenance of servers and workstations

YOUR PROFILE

» Completed university studies (master or equivalent) in Computer Science, Engineering, Physics, Software Engineering or equivalent qualification
» Experience with software and architecture design patterns
» Experience with backend and frontend development with Java, JavaScript and Python (experience with Spring, VueJS, TypeScript, pyTorch, gym and REST patterns would be beneficial)
» Knowledge in Linux, Docker, Bash, data visualization and analysis techniques is desirable
» English skills, German desirable

WE OFFER

» A diverse and fair working environment
» Support in reconciling work and family life
» Extensive advanced training opportunities
» Occupational health management offers
» Flexible working time models, full-time positions suitable for job sharing
» Opportunity to work remotely

The University of Cologne is committed to equal opportunities and diversity. Women are especially encouraged to apply and will be considered preferentially in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We also expressly welcome applications from people with disabilities / special needs or of equal status.

The position is available immediately on a full-time basis (39,83 hours per week). The contract is a permanent one. If the applicant meets the relevant wage requirements and personal qualifications, the salary will be based on remuneration group 13 TV-L of the pay scale for the German public sector.

Please apply online with proof of the required qualifications without a photo under: https://jobportal.uni-koeln.de. The reference number is Wiss2404-02. The application deadline is 06.05.2024.
For further inquiries, please contact Philipp Peter (philipp. peter@wiso.uni-koeln.de).

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HR EXCELLENCE IN RESEARCH