Job Advertisement (1.10.2022)

Research Assistants Bioinformatics (100%, TV-L 13)

We are looking for several research assistants (Ph.D./PostDoc) for bioinformatics research and teaching at the Chair of **Practical Informatics and Bioinformatics**, Department of Informatics, Faculty of Mathematics, Informatics and Statistics.

Successful candidates can work towards doctorates and habilitations in all areas of bioinformatics and can participate in research projects of the institute. Our research focus is on the development of new innovative and practically applicable algorithmic methods for relevant bioinformatics problem. Our methods comprise efficient algorithms and data structures, data and text mining, approximation and optimization, machine learning, big data, data science and artificial intelligence. We also work on the use of biotechnological methods for information storage/processing and novel DNA computers.

Staff scientists support teaching in the bachelor and master programmes in bioinformatics, which are offered jointly by LMU and TU Munich.

Requirements: Completed university degree in bioinformatics. Related fields of study (computer science, mathematics, statistics, physics, biology/biochemistry) might also qualify. Experience in university teaching is advantageous.

We expect enthusiasm for teaching and the best methods to solve problems in bioinformatics.
Enthusiasm for teaching means active participation in the various courses of the chair: basic and master lectures in bioinformatics, bioinformatics (programming) practical courses in the 1st, 2nd, 3rd, 5th and 7th semester, participation in seminars, supervision of bachelor/master theses and of student assistants.
Enthusiasm for the best methods means high self-motivation to publish new methods in computer science in competitive journals and conferences in bioinformatics.

We offer 100% TV-L 13 positions at the Ludwig-Maximilians-University of Munich, one of the oldest Excellence Universities in Germany, attractive jobs in downtown Munich, research and teaching in one of the largest and well-established bioinformatics programmes in Germany, state-of-the-art workstations and server equipment, flexible working hours in a small workgroup and great freedom in the choice of concrete research questions.

The positions are available 1.10.2022 (the starting date is flexible, preferably on 1.11.2022 or during the WS 2022/23).

Please send applications with informative documents to Prof. Dr. Ralf Zimmer.
For further information, please contact Ralf Zimmer by e-mail (zimmer@ifi.lmu.de) or phone.

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