

SOFTWARE DEVELOPER (M/F/D)



TRON is a non-university, biopharmaceutical research institute in the legal form of a non-profit organization. The company's aim is to develop highly innovative technologies to address medical needs in the fields of cancer diagnostics and therapeutics. TRON was founded in Mainz in 2010 and works in close cooperation with universities and clinics as well as with regional, national and international research institutions and companies in the pharmaceutical industry.

Our bioinformatics team requires constant support to follow our mission of creating/developing next-level mRNA-based therapeutic and diagnostic procedures for cancer and other diseases with immunological relevance.

In your role as Software Developer, you will focus on the development of integrated database solutions and software pipelines to analyse multi-dimensional biological data from state of the art high-throughput assay platforms and databases.

DUTIES & RESPONSIBILITIES

- Design, implementation, and maintenance of databases for research data from cutting-edge sequencing experiments, e.g. single-cell sequencing and spatial transcriptomics
- Design, implementation, and maintenance of atlas-level data integration applications of multi-dimensional internal and public datasets
- Building state-of-the-art predictive AI systems for immuno-genomics in collaboration with our computational scientists
- Interacting closely with our multi-disciplinary computational, genomics, and molecular biology teams

QUALIFICATION & EXPERIENCE

- MSc Degree in (Bio-)Informatics, Computer Science or comparable study program and/or certified job training (German Fachinformatiker level or equivalent)
- At least two years of work experience in software development or related field
- Demonstrable programming experience in Python, Java, and/or R
- Experience with the structured software development process (version control, testing, continuous integration systems)
- Experience in relational database design, optimization, and management
- Experience with non-relational or distributed databases would be a plus
- Basic knowledge or experience with data from next-generation sequencing assays would be an advantage

If you are a self-starter who likes working in a dynamic start-up environment, moreover who is enthusiastic about the activities in a biopharmaceutical research institute and who is also thrilled by supporting the implementation of personalized medicine, you will enjoy your task, as well as working at TRON. If you do have additionally strong visual, verbal, and written communication skills in German

as well as in English language, and besides that, if you are an enthusiastic team player you should not wait any longer to apply for this position.

We are looking forward to receive your application.

Please send your application documents (cover letter, CV, certificates) by email in one single document of max. 5 MB to the Human Resources Team of TRON: jobs (at) tron-mainz.de, reference "*SoftwareDeveloper SC*".

For further information, please visit our homepage www.tron-mainz.de, TRON gGmbH