



Computational Proteomics Specialist Fulltime (m/f/d)

The precise identification and quantification of proteins is a crucial step in the understanding, diagnosis, and treatment of diseases. Mass spectrometry-based proteomics is a powerful toolbox for the simultaneous analysis of thousands of proteins and represents the go-to technology for biomarker research and drug discovery. However, current data analysis solutions often rely on simple concepts that remained unchanged for decades - a challenge we aim to resolve.

MSAID is an innovative bioinformatics spin-off from the Technical University of Munich located close to Munich, Germany. Our interdisciplinary team specializes in the development of state-of-the-art data analysis pipelines for high-throughput proteomic data, and we are looking for a strong candidate to grow our team.

Your Contribution

- + You will contribute to improve and extend our deep learning-based protein analysis software to aid with the understanding, diagnosis, and treatment of diseases
- + You will investigate complex problems in proteomics data on terabyte-scale
- + You will integrate multiple information signals across all steps of the computational proteomics workflow
- + You will envision and design tailored solutions for the challenges of LC-MS data analysis

Your Profile

- + Highly motivated, independent thinker with passion for proteomics and data in general
- + M.Sc. or Ph.D. in Computer Science / Bioinformatics / Statistics / Biotechnology / Physics or related fields or equivalent professional experience
- + Demonstrated expertise in proteomic data analysis
- + Proficient in scripting languages like R or Python
- + Experience in C++, Docker, AWS or Nextflow is a plus

Our Offer

- + Take the next step in your career, staying true to the field of proteomics
- + A fast-paced environment striving to operate with the latest technology
- + Continuous professional development including retreats, hackathons, event and conference visits, and time to explore research-heavy projects
- + Young and highly motivated team with a flat hierarchy
- + Competitive salary with additional benefits

We look forward to receiving your comprehensive application as a single PDF file including your earliest starting date to career@msaid.de.