

## Working Student – Python

10-20h / week, Munich, Germany

**About OmicEra:** We are at the dawn of a new era: the ‘omic era’. New omics technologies revolutionize medicine and lifestyle by producing large datasets for the molecular analysis of human samples. OmicEra Diagnostics aims to catalyze this revolution. We have developed a next-generation mass spectrometry pipeline, allowing the mining of big data for the understanding of human health and disease states. This will ultimately result in earlier disease diagnostics, improved patient outcome, and novel treatment possibilities. Our team is fueled by a diverse knowledgebase, including leading proteomic scientists, physicists, artificial intelligence enthusiasts, and serial entrepreneurs. Together, we aim to change the way we think about medical diagnostics and implement the latest omics technologies in clinical routine.

### Your opportunity:

We are looking for working students that support our R&D and data analysis team for various software development tasks. The driving focus of these teams is to extract value from large scale datasets produced by OmicEra Diagnostics’ technology platform. Possible projects for you include:

- refining and enhancing our automated proteomics data analysis pipeline,
- developing novel software approaches that increase our internal quality and speed, and
- supporting the scale-up of our company on different levels (data, analyses, infrastructure etc.).

Your work will directly contribute to the company’s success. We will select your tasks depending on the company’s needs as well as your preferences and capabilities.

### Your profile:

- Student in her/his bachelor’s or master’s in Bioinformatics, Computer Science, Statistics, Mathematics, Physics or Engineering
- Enthusiasm for tech and helping humanity on a large scale
- Motivation to work collaboratively in a dynamic, agile team environment
- Ability to write clear, well-structured, and documented Python code
- Technical experiences which are beneficial, but are not required:
  - Statistical data analysis (in Python)
  - Machine learning (e.g., scikit-learn, PyTorch, TensorFlow Keras)
  - Bioinformatics (on omics datasets, preferably proteomics datasets)
  - Databases (SQL, MongoDB)
  - Git, CI/CD, Cloud computing (AWS), workflow management (Apache Airflow), Docker
- Strong communication skills in English

### What we offer:

- An agile and dynamic team dedicated to making a difference in medical diagnostics
- A healthy and fun working environment with a flat hierarchy
- Responsibility early on
- Flexible working hours

We are looking forward to your application documents, including your CV and the earliest possible starting date. Please send all relevant documents to Dr. Felix Riese ([info@omicera.com](mailto:info@omicera.com)).