Software Developer (d/f/m)

Your Tasks

- Development of scientific software for machine learning-based workflows
- Focus on reliability, speed, and user-friendliness
- Writing automated tests and CI pipelines
- Development of data analysis and visualization apps supporting our customers in plant breeding

Your Qualifications and skills

- University degree in software development, software engineering, bioinformatics, or a similar discipline
- Experience with Python programming
- Experience with Python libraries (pandas, numpy, scipy, scikit-learn, matplotlib, or similar)
- Experience with Javascript/Typescript/Vue.js
- Experience with containerized workflows with Docker
- Experience with Object-Oriented Programming
- Software development in a team using version control (i.e. git), CI/CD testing and issue tracking
- Experience with Linux shell (bash, zsh, fish, screen etc.) commands and scripting
- Experience with R programming is advantageous
- Knowledge of statistics, Machine Learning
- Knowledge of workflow languages, e.g. nextflow, is advantageous
- Knowledge of data visualization is advantageous
- Knowledge of genetics and/or plant breeding are advantageous
- Fluent in English
- Strong problem solving skills
- Proactive team player
- Capable of working autonomously

We offer

- Full-time position with unlimited contract
- Working from the office in Tübingen (partial mobile work possible)
- Flexible work hours
- Ergonomic office furniture and equipment
- Continuous training, education and in-house knowledge transfer
- Working in an innovative, dynamic and international company
- Healthy working environment with fresh fruit, coffee, tea and water free of charge

If you are passionate and looking for a highly interesting challenge, please send your application to
careers@computomics.com
For more information, please contact:

Polina Riesling, HR & Culture Manager
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https://computomics.com

Computomics GmbH
Eisenbahnstr. 1
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computomics®
machine learning-based data analysis

Our Mission

We provide bioinformatics services for the analysis of next-generation sequencing data of DNA and RNA, from experimental design up to complex interpretations.

We focus on agricultural biotech, breeding and plant protection companies. Our services are used by researchers, by bioinformaticians and by quality managers.

Our Unique Qualities

‣ We use validated methods and quality controls at every step
‣ Our results are reproducible and accompanied by a detailed report
‣ We are independent of sequencing providers, technologies and commercial software companies
‣ Our analyses are customized to client needs with proprietary algorithms and award-winning open source tools
‣ We guarantee the security of client data and handle IP contamination

Our Vision

We bring sustainable economic success to our clients by enabling them to produce stable, added-value crops, thus contributing to resource-efficient agriculture that can feed the planet.

Our Values

‣ Passion for our products and for our work
‣ Amicable, collaborative, honest relationships with our clients and with each other
‣ Respect towards everyone and towards the environment
‣ Efficiency and the desire to improve

Working for Computomics

A+ employees deserve an A+ treatment. It takes a great employer to hire great employees, so Computomics offers the opportunity to work in an entrepreneurial, open, and intellectually challenging culture. We focus on quality and professionalism and aim to have amicable relationships with our clients, our partners and among ourselves. We also offer an attractive compensation package.

We prefer ownership over hierarchy, and we facilitate learning and venturing. We work with bright, talented people in a challenging, diverse, and rapidly evolving domain.

At Computomics, we foster the combination of innovation and focus; we combine accountability with responsibility, and encourage initiative, teamwork and respectful, candid and open communication.

As we grow our organization, we want you to grow with us; you'll find opportunities for self-development. Working for Computomics is a great way for you to become part of a company where you will make a difference.

Quick Company Overview

Founded	2012
Origins	Max Planck Institute for Developmental Biology and University of Tübingen Spin-off
Managing Director	Dr. Sebastian J. Schultheiss
Solution	Custom data analysis for crop breeders, bioinformaticians and quality controllers in plant biotech, breeding and crop protection
USP	Machine learning technology behind all future crops
Headquarters	Tübingen, Germany