

Machine Learning Scientist (d/f/m) for Method Development

Computomics is looking to hire a machine learning scientist or AI expert with a focus on but not limited to projects related to biological datasets.

Your Qualifications

- ▶ University degree or comparable qualification in Computer Science, Data Science, Machine Learning, AI, Bioinformatics, Computational Biology, Mathematics, Statistics, ..., or a related field
- ▶ Either a minimum of 3 years of work experience or a PhD degree and at least 1 year of postdoctoral experience in one of the fields above
- ▶ Peer-reviewed publication(s) of machine learning methods or conference contributions in venues such as JMLR, NeurIPS, ...
- ▶ Experience with tools used for software development in a team setting
- ▶ Enabled biological/scientific discovery by designing or extending machine learning methods
- ▶ Developed new optimization methods for feature selection
- ▶ Familiar with most of these areas: structured output prediction, deep learning, feature importance, statistical modeling, bioinformatics, method development, visualization
- ▶ Understanding of genetics, genotyping and phenotyping
- ▶ Strong problem solving skills, proactive team player, fluent in English and capable of working autonomously
- ▶ Please specify your expected salary level

We offer

- ▶ Work alongside leading experts in bioinformatics and ML
- ▶ Flexible work hours, remote work
- ▶ Full-time position (and open for part time models)
- ▶ Healthy working environment with fresh fruit, coffee, tea and water free of charge in the office as well as access to sports activities
- ▶ Working in an innovative, dynamic and international company
- ▶ Remote onboarding process
- ▶ Continuous training, education and in-house knowledge transfer

If you are passionate and up for a highly interesting challenge, please send us your application.

For more information,
please contact:

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Management

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<https://computomics.com>

Send your application to:
careers@computomics.com

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Computomics Overview

Founded 2012

Origins Max Planck Institute for Developmental Biology
and University of Tübingen Spin-off

Managing Director Dr. Sebastian J. Schultheiss

Domain Crossroads of plant genomics, bioinformatics

Solution Machine learning technology for crop breeders
and bioinformaticians in ag biotech and food

USP Accurate performance prediction
at the forefront of scientific development

Headquarters Tübingen, Germany

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
- ▶ We guarantee the security of client data

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

Our Mission Statement

We found Computomics so farmers and breeders can reap the benefits of our machine learning technology.

Using multiomics technologies, we unlock the diversity of biological life to allow data driven decisions, thereby accelerating global agricultural development.

We focus on agricultural biotech, breeding and food & beverage companies. Our services are used by breeders, by bioinformaticians and by researchers.

Working for Computomics

Computomics offers the opportunity to work in an entrepreneurial, open, and intellectually challenging culture. We are a diverse team that's located around the world. We focus on quality and professionalism and aim to have amicable relationships with our clients, our partners and among ourselves.

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.

Computomics Management
Dr. Sebastian J. Schultheiss

Scientific Advisory Board
Prof. Dr. Detlef Weigel
Prof. Dr. Daniel Huson
Prof. Dr. Gunnar Rätsch
Prof. Dr. Karsten Borgwardt

Strategic Advisory Board
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