computomics®
machine learning-based data analysis

Machine Learning Scientist for Plant Breeding (d/f/m)
Full Time - in Tübingen

Computomics is looking to hire a machine learning scientist or AI expert with a focus on biological datasets.

Your Tasks:

▸ Develop new machine learning methods for predictions of plant phenotypes

▸ Establish novel optimization methods for feature selection

▸ Devise new data integration methods for relevant datasets such as soil, EO, phenotype and genotype

▸ Ensure all formal requirements of grants are kept, in particular timesheets, meeting participation, and reports

▸ Contribute to bioinformatic projects and work with customer data

Your Qualifications:

▸ University degree or comparable qualification in Computer Science, Data Science, Machine Learning, AI, Bioinformatics, Computational Biology, Mathematics, Plant Science, Quantitative Genetics, or a related field

▸ Either a minimum of 3 years of work experience or a PhD degree

▸ Understanding of plant breeding concepts, genotyping technologies (quantitative and population genetics)

▸ Peer-reviewed publication(s) of machine learning methods or conference contributions

▸ Experience with tools used for software development in a team setting

▸ Design of machine learning methods to enable biological/scientific discovery

▸ Developed new optimization methods for feature selection

▸ Familiar with most of these areas: statistical learning and programming (in Python & R (Shiny)), deep learning,bioinformatics, method development, simulations

▸ Strong problem solving skills, proactive team player

▸ Fluent in English and capable of working autonomously

Our Offer:

✓ Working in an innovative, dynamic and international company

✓ Work-Life-balance

✓ Flexible working hours (full-time or part-time, mobile working partially possible)

✓ Family-friendly workplace

✓ Healthy working environment with an international, openminded and supportive team

✓ Ergonomic office furniture and equipment

✓ Continuous training, education and in-house knowledge transfer

✓ Fresh fruit, sweets, coffee, tea and water free of charge

✓ JobRad (bike-leasing)

✓ Company events (BBQ, company outing etc.)

✓ Centrally located in downtown Tübingen

✓ Chance to grow with us

For more information or to apply, please contact: careers@computomics.com