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