



Our foresight. Your inspiration.
Plant tomorrow's ideas.



Computational Biologist / Data Scientist (m/f/d)

We are looking to recruit, as soon as possible, a Computational Biologist / Data Scientist (m/f/d). This role is to be filled with a permanent contract and on a full-time basis at our headquarters in KWS SAAT SE & Co. KGaA in Einbeck (Lower Saxony / Germany). In this position, you will work on the moving plant breeding using modern data science methods. This requires a can-do attitude, a creative mindset. You will be part of developing the solutions while collaborating with the breeding and research teams worldwide.

Your new challenge:

- Build new data structures and data analysis methods to solve some of the new challenges in breeding and biological molecular research.
- Develop and apply innovative ideas using modern technologies such as Large Language Models on biological data.
- Apply machine learning tools for text mining to identify candidate genes for trait development.
- Contribute to our internal biological recommender systems by integrating different data sources, such as multi-omics data.
- You will pro-actively identify and test new approaches and analysis strategies to make the best use out of our data.
- Collaborate and communicate effectively internally with departments across functions and externally with academic and industrial partners.
- Work in a matrix environment both to support and to lead initiatives. You shape scientific and strategic priorities to accelerate portfolio advancement.

Bring in your strength:

- PhD in computational biology, bioinformatics, data science, or MSc. in similar disciplines with first relevant professional experience.
- Experience in computing and programming with proven expertise in relevant programming languages (e.g., Python, R, Rust, C/C++ or similar).
- Expertise in deep learning, developing new models in either Keras, Tensorflow, PyTorch or similar.
- Expertise in No-SQL databases, Graph based databases, vector databases etc.
- Experience working with high-performance computer cluster environments and job scheduler such as Slurm, LSF, or PBS would be highly appreciated.
- Basic knowledge in molecular research / plant breeding / in-silico target discovery is a plus.
- High level of initiative, independent working style with focus on the product and ability to communicate complex topics.
- Fluent in English (in both written and spoken), good knowledge in German would be a plus.

That is our offer to you:

- Exciting job solving some of the big challenges within data science in plant breeding for securing a stable food production in the future.
- As a family-run company we are guided by the values of closeness, reliability, foresight, and independence - this culture is lived in practice creating thus an open and friendly working atmosphere.
- True to our motto "Make yourself grow", we support employees' professional and personal development.
- Flexible working hours with the possibility of mobile working.
- We offer excellent work equipment, a fully-fledged, subsidized canteen.
- We offer a company pension scheme, capital formation benefits, Christmas and holiday bonuses, special prices for company shares, childcare allowance, and a job bike.

We look forward to receiving your online application via our SuccessFactors application system! Please use the "Apply" function in the online advertisement for this purpose.

About KWS

KWS is one of the world's leading plant breeding companies. Over 5,000 employees in more than 70 countries generated net sales of around €1.5 billion in the fiscal year 2021/2022. A company with a tradition of family ownership, KWS has operated independently for 165 years. It focuses on plant breeding and the production and sale of seed for corn, sugarbeet, cereals, vegetables, oilseed rape and sunflower. KWS uses leading-edge plant breeding methods to continuously improve yield for farmers and plants' resistance to diseases, pests and abiotic stress. To that end, the company invested more than €285 million last fiscal year in research and development. For more information: www.kws.com/career. Follow us on LinkedIn® at <https://linkedin.com/company/kwsgroup/>.

Our data privacy policy for candidates is available on www.kws.com/dataprotection. Please select the country where the job you applied for is posted in and, if applicable, the specific business unit.