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KeyGene – the crop innovation company

KeyGene is the go-to AgBiotech company for higher crop yield & quality. With our intellectual capital, solution driven approach and collaborative spirit, we work for the future of global agriculture with partners in the AgriFood sector. Using our proprietary technologies and non-GM approaches, we support customers with the development of new and improved crops. Our goal is to help organizations with their toughest R&D challenges, combining our cutting edge breeding technologies, bioinformatics & data science expertise and plant-based trait platforms. At KeyGene, we work in an international environment with more than 140 professionals from all over the world. Our company is based in Wageningen, the Netherlands and Rockville, MD, USA. www.keygene.com

For strengthening the BioInformatics & Modeling team, we are looking for an entrepreneurial:

BIOINFORMATICIAN in a research environment

Vacancy Number 17.004

Position

Data, information and knowledge are among KeyGene's most important products. As a bioinformatician you will play an important role in our technical research to develop state-of-the-art bioinformatics products for the integration, visualization and extraction of genomic and genetic breeding data. These products serve as a customizable and interactive encyclopedia for our internal research but also for our customers to mine and understand the genomic and genetic background of the crops that they are working on. Besides research and development, you will therefore participate in the delivery of these products to our customers by collecting and adding crop-specific data to the system and by training customers to work with the system.

Your profile

- A BSc or MSc degree in bioinformatics
- Experience with working in a LINUX environment
- Experience with full stack web development
- Knowledge and experience with database systems
- Team player with a pro-active and project-oriented attitude
- Driven by developing bioinformatics solutions for customers
- Good communication skills and fluent in English (written and spoken)
- It is a pre when candidates have knowledge of:
 - o Genetics and genomics within the field of plant breeding
 - o PHP, javascript, jQuery and object oriented thinking
 - o NoSQL databases, such as MongoDB
 - o Experience with heterogenic datasets
 - o Experience with public datasets retrieval and processing

KeyGene offer

KeyGene offers a dynamic job with a competitive salary and benefits in a vibrant, highly innovative and ambitious research company. You will be able to work on the continuous development of our technology platforms and so contribute to our internationally recognized position in agro-biotech research. KeyGene is located in Wageningen (The Netherlands), a worldwide renowned centre of agricultural research.

More information

Additional information can be obtained from Dr. Marcel van Verk, Program Scientist Lead Discovery, telephone +31 317 466866, email marcel.van-verk@keygene.com. If you are interested in this position you can send your letter of application and resume to: KeyGene Attn. Ms A. Philipsen, HR manager, P.O. Box 216, 6700 AE Wageningen, The Netherlands or by email: Angelique.Philipsen@keygene.com Please mention the vacancy number 17.004 in your application.