Genetwister Technologies B.V. is an innovative Dutch biotechnology company, with an international position in commercially applied biotechnology of agri- and horticultural crops. Genetwister is an expert in identification and isolation of molecular markers for marker-assisted breeding, genomic selection and diagnostics using high throughput sequencing, high throughput genotyping and functional genomics. Genetwister develops its own proprietary software for database management, data-analysis and data-mining.

Senior Software Engineer

Genetwister Technologies BV is looking for an experienced Software Engineer to join its software development team in Wageningen, The Netherlands. The mission of the software development group at Genetwister is to build software solutions to analyze and visualize complex genomic data but also contribute to develop an environment in which pipelines and tools from other departments at the company can be integrated.

YOUR POSITION

You will work in a team of software engineers that is in close collaboration with the system administrators and a team of bio-informaticians, geneticist and lab researchers. As a senior software engineer you will have an important role in technical decision making, supporting your team members in their professional growth and maintaining and improving quality standards in various software projects. Furthermore you will be working on these software projects which range from micro-service architectures to knowledge graphs and big data/distributed computing solutions. You will also work on a higher level in gathering requirements and explaining technical decisions to our clients, which have a worldwide presence.

YOUR PROFILE

EDUCATION AND KNOWLEDGE

- Bachelor- or Master Degree oriented to Information Technology or the Bio-informatics domain with a focus on software development.
- Knowledge about modern software development practices and how to implement these.

EXPERIENCE & SKILLS

- 4+ years of experience programming in Java or Scala.
- Working with Agile Methods (preferably Scrum). Experienced with version control systems and continuous integration solutions.
- Experience in the use of Docker or other container technologies and orchestration software.
- Experience in designing software solutions from user requirements.
- Experience in designing and developing software, scripts and data pipelines that integrate structured and unstructured data from multiple sources. Familiarity with bio-informatics tools is a huge advantage.
- Experience in performing practical and compassionate code reviews.
- You can estimate develop times for software solutions and prioritize those considering functional, technical and organizational issues.
- Ability to think unconventionally to derive creative and innovative solutions.

Genetwister Technologies B.V.   *Visiting address:* Nieuwe Kanaal 7b   www.genetwister.nl
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The Netherlands   Fax. +31 (0)317-466421   VAT no. NL807333244B01

- You are used to work in a demanding environment, with business processes requiring a large amount of computational power and analysis of high volumes of data.
- Working experience with Apache Spark, HDFS, Cassandra and/or SPARQL is desirable.
- Familiarity and knowledge about statistics is desirable.

PERSONAL SKILLS

- You are able to communicate fluently in English since Genetwister is an internationally oriented company.
- Used to work on multiple projects simultaneously.
- Team player. Candidate must be able to work in a cross-disciplinary team in a dynamic product development environment.
- Proactive attitude and interest in what is happening in the company.
- You are able to mentor and guide other developers and help them to growth their technical skills.
- You are able to solve problems and analyse solutions in a team dynamics approach.
- Healthy and honest curiosity on the specific domain in which you will work: genomics.
- You are comfortable interacting with end users.
- You are capable of explain technical ideas to people which lack of computational background.

WHAT GENETWISTER OFFERS

Genetwister is able to offer you a challenging job in an innovative commercially applied research environment. You will work in a passionate and research oriented team with emphasis on new technologies. We deviate from traditional approaches in terms of the design of our software products: all the members of the Software Development Group can and should contribute through introduction of new ideas and work in a highly collaborative way. If you are thirsty for developing and applying the most innovative software technologies, we are waiting for you.

FOR RECRUIMENT AGENCIES

We only work with a selected number of recruitment agencies. We do not accept resumes from recruitment agencies for this position which does not come from these agencies. Genetwister is not responsible for any fees related to unsolicited resumes.

Additional information can be obtained from Paco Trujillo, Genetwister Technologies B.V., P.O. Box 193, NL 6700 AD Wageningen, The Netherlands, E-mail: info@genetwister.com.

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