

Software Engineer – Bioinformatics

Emweb is a software engineering company specialized in the development of innovative software. We are located in Herent (Leuven, Belgium) and serve customers all over the world. Emweb's major products are **Wt**, an open source library for the development of web applications, and **Genome Detective**, a software platform for microbial High Throughput Sequencing analysis. Our solutions excel in quality and efficiency, and are therefore applied in complex applications and environments.

As we continuously grow, we are currently looking for new colleagues with the following profile to join our team in Herent. Your responsibility is to develop our own products, as well as to work on challenging customer projects and integrations.

We are active in multiple applications domains:

- Web applications
- Bio-informatics, computational biology and molecular epidemiology
- Embedded software development
- Data Analysis, Modeling, Statistical Analysis, Digital Signal Processing

Your responsibilities are:

- Expand the Genome Detective platform, from algorithm to user interface
- Research and implement new algorithms for efficient, accurate and automated analyses of Next Generation Sequencing data or microbial genomes
- Maintaining the quality, performance and scalability of the software

With the following skills, you are the perfect match to complete our team:

- Master degree in informatics or computer sciences
- Master degree in bio-informatics or knowledge of life sciences (microbial genetics, sequencing, phylogenetics, ...)
- Fluent in Java or C++, and still eager to improve your skills
- Practical experience with software development (tools, processes, ...)
- Knowledge of web application technology (HTML/CSS, JavaScript, security aspects, ...) is a plus
- Team player with excellent communication skills (English, Dutch is a plus)

- Understand problem statements and can provide a qualitative solution
- Eager to learn and dissect a problem and break it down into its individual components: you are not satisfied with a vague and superficial understanding

We offer you:

- A work environment typical of a young innovating company
- A large diversity in challenges
- The possibility to acquire new and improved skills
- Our appreciation for your inquisitive mind
- A green working environment a stone's throw from metropolis Leuven
- A competitive salary
- Extra-legal benefits

If this profile describes you or in case you have extra questions, don't hesitate to contact us at info@emweb.be!

www.emweb.be - www.genomedetective.com - www.webtoolkit.eu