

Open position : Software developer & IT manager

DNAlytics at a glance

DNAlytics develops and markets precision medicine solutions based on a data mining platform. The development of such solutions consists in identifying new sets of biological markers and predictive models for medical decision support (diagnosis, prognosis or treatment response) and building the necessary software to make these solutions effective. The company's mission is to improve patients' health, healthcare systems sustainability and industry products positioning. DNAlytics's vision is to see its solution implemented in routine care at an international scale.

DNAlytics has been the first company to market a **data-driven** precision medicine solution in rheumatology in Europe. It has been awarded several prestigious prizes from entities such as IBM, Microsoft, the MIT or the European Union. DNAlytics also has an excellent track record of working for international customers.



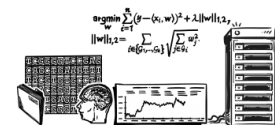
DNAlytics has product lines in **oncology** and **rheumatology**. Since its onset in 2012, it has also conducted a consulting activity in the field of data mining for pharma, biotech and IVD companies as well as academia. **This activity is mainly a scouting activity for new product leads and ensures regular revenues as well.**



Colonokit, a diagnostic solution in Oncology



Rheumakit, a diagnostic solution in Rheumatology



Data mining consultancy services

Open position as Software developer & IT manager.

Starting from 2017, DNAlytics dynamic 6-people team will grow to rapidly reach 10 people, and up to 40 in 2022. The team will be reinforced in highly multi-disciplinary skills. We are looking for motivated and highly competent colleagues to join us and complete the team in terms of data scientists and IT profiles, business development capacity (link with KOLs, out-licensing and partnerships, reimbursement, sales), quality management, and operations. Most positions are intended to be based mainly in our headquarters at Louvain-la-Neuve, Belgium.

In that context, we are currently looking for a polyvalent collaborator to **develop the online eHealth and mHealth applications related to the company's products and manage the IT infrastructure of the company**. This position is part of the data science and IT team of DNAlytics, under the supervision of the Chief Technology Officer.

Responsibilities:

1. Pursue the development and maintain the RheumaKit.com and the ColonoKit.com online applications for precision medicine in Rheumatology and Oncology ;
2. Maintain the IT infrastructure of the company.
2. Collaborate with other teams of the company (Quality Manager, Data Scientists, Management) to specify the features to be developed, the tests to be run. In that context, user experience (e.g. from clinicians) is also to be taken into account.
3. As IT infrastructure maintainer, be in charge of the maintenance of file servers, collaborators laptops, company web site, Amazon Web Services virtual machines and access policies.

Tasks:

1. As developer of the RheumaKit/ColonoKit.com applications, collaborate with other developer(s) of these application to improve its current features, and develop new ones. One aspect is the "front office" application, another one is the "back office" interfaces and processes. These services interact with several systems, including the cloud-based infrastructure of Amazon Web Services.

Diploma's / degrees:

Bachelor or Master degree in computing science or equivalent

Experiences:

Any prior successful experience in similar positions is appreciated.

Other skills:

Languages:

- Fluent oral/written English required ;
- Fluent oral/written French desirable ;
- Other languages are a plus.

Computer. Expertise in at least two of the sections below :

- Back-end:
 - Ruby, Python, Java, Javascript (Node.js), Swift, Objective-C
 - Ruby-on-Rails framework
 - web API / JSON
 - Testing
 - Databases
- Front-end:
 - Javascript (ES2015 and newer)
 - Angular 1.x framework or React, Vue, Inferno, Angular 2.x, Polymer, ...
 - CSS3
 - HTML5

- UI/UX:
 - vectorial drawing
 - interface design
 - animation design
 - SEO
- IT:
 - Linux/Unix management,
 - Bash scripting;
 - Storage / NAS management
 - Basic hardware and network knowledge
 - AWS: mainly EC2, S3, IAM
- Misc.:
 - LaTeX, R;

Other:

- Communication skills
- Show good team spirit but sufficiently autonomous to evolve in a dynamic startup

To join DNALytics and to know more about these positions, go to <http://dnalytics.com/corporate/careers/> or contact careers@dnalytics.com