

Job Offer: IT Manager

Nostrum Biodiscovery (NBD) is seeking a new IT Manager for the IT & Data Science area.

Nostrum Biodiscovery is a biotech company devoted to discovering and optimizing new chemical entities for unmet medical needs. NBD combines powerful in-house innovative technologies with deep industry expertise in biomolecular modelling and leads several successful exploratory discovery projects in partnership with academia. NBD provides tailored, flexible services to help its pharma and biotech clients overcome their early discovery bottlenecks. Dedication and ethics are also key values of our company.

JOB DESCRIPTION

The job will consist on improving and deploying our main in-house software PELE (C++ code with python layers on top). This is a Monte Carlo simulation software that has been developed for more than 10 years at BSC and aims at finding the right interactions between a small molecule (drug) and a target (unregulated molecule) while having into account the flexibility of the system. From the C++ based code, many other Python features has been built on the top to approach several pharmaceutical daily problems (reproduce binding paths, trying to open cavities in the receptor, improve an initial hit, displace waters, etc...). We seek for a motivated/independent C++ developer (1 year experience) with knowledge in Python who can not only develop but also deal with clients and its petitions. Aside from the previous role, this job will give you the opportunity to learn about data science and drug discovery real projects. Bioinformatics experience is a plus but is not mandatory.

Required:

- Proven experience with C++ (1/2 year)
- Knowledge in Python
- Software development skills
- Experience in Data Science and Bioinformatics will be a plus.

The Offer – Working Conditions

- Contract duration: permanent
- Estimated annual gross salary: Salary is commensurate with qualifications and consistent with our pay scales.
- Target start date: immediately

Application Procedure

All applications must include:

1. A motivation letter addressed to Daniel Soler.
2. A complete CV including contact details.
3. Contact details of two referees.

All applications must be addressed to Daniel Soler and be sent to hello@nostrumbiodiscovery.com.

About NBD

NBD is a young spin-off of the Barcelona Supercomputing Center, the Institute for Biomedical Research of Barcelona, The University of Barcelona and ICREA. The company uses its transferred computational technologies to perform drug discovery programs for clients. Moreover, NBD has its own portfolio of New Chemical Entities in collaboration with academia with the aim of reaching the market for unmet medical needs.