



Software developer (bioinformatics)

Job description

The Bio2Byte group led by Prof. Dr. Wim Vranken at the VUB in Brussels, Belgium, works on the prediction of protein characteristics, and the interpretation of these predictions in relation to life science problems such as molecular causes of human diseases or protein design (see <https://bio2byte.be/>).

We are now launching a project to investigate the relationships between the post-translational modifications of proteins, their subcellular location, and their biophysical characteristics in collaboration with UGent and UCL. To support this project, as well as other research in our group, we are looking for a software developer to join us. The core of your tasks will be to create and maintain front-end websites, to help with the creation and testing of our back-end prediction tools, and to support the development of bioinformatics pipelines and their deployment on the Cloud. This work will also be essential to further connect our research to the ELIXIR European ESFRI infrastructure for bioinformatics, and ensure we adhere to the FAIR standards.

Our group is international, with close collaborations within and outside of Europe. We offer an open, dynamic and rewarding working environment, focused on team work and collaborations, that stimulates initiative taking, discussion and originality.

Profile

- You have a Bachelor or Master's degree in informatics, science or engineering.
- You can set up and maintain Django-based web infrastructures, both front-end and back-end.
- You are skilled in Python, and preferably have JavaScript skills
- You are a knowledgeable user of Git, and can manage software projects
- You are a team worker, who enjoys solving problems in close collaboration with others.
- Experience with creating containers and pipelines, as well as deploying these on the Cloud, is desirable but not essential.
- Basic knowledge of biology/bioinformatics is desirable but not essential.

What we offer

The position is immediately available, for 2 years initially, with prospects to extend beyond this time period. You will be located at the (IB)² Interuniversity Institute of Bioinformatics in Brussels (<http://ibsquare.be/>), Etterbeek VUB/ULB campus.

Applications and further information

Please contact Wim.Vranken@vub.be for additional information.

To apply, please fill in this online form: https://bit.ly/b2b_dev, with a 15th of February 2021 deadline. You have to include, in English: 1) a CV, 2) a cover letter briefly stating your background, as well as your motivation to apply for this position.