SimplicityBio
IN SILICO
BIOMARKER DISCOVERY

SimplicityBio is looking for a

Senior Bioinformatician

Work Percentage: 100%
Starting date: July 1st, 2017
Place of work: Monthey, Switzerland
Reporting to: CTO

We are looking for a bioinformatician to join our growing team. We are a tight knit team of professionals that love working together. Your work will stand out and will make a substantial contribution to the success of our company and clients. You'll have exposure to international projects and clients and you will grow with the company (position and salary).

Your responsibilities
- Project planning and scheduling to validate specific aspects of our products
- Consulting in the selection or definition of appropriate reference material
- Contributing to a data infrastructure and automation of analyses
- Assessing the accuracy of genomic measurements
- Identify points and means of quality improvement
- Documenting and communicating the results

Desired personal profile
We want to work with someone who can have meaningful discussions about other topics than just work with us, while having lunch or just socialising after work. Namely, we're looking for:
- Fluent in English
- Willingness to learn and share experiences
- Curious and open minded
- Excellent communication, attention to detail and organisational skills

Desired technical qualifications
We value the ability to learn fast more than specific experience. That being said, the ideal candidate should have the following:

- Bachelor's and Master's degree in Computer Science and Bioinformatics with 5+ years of working experience in industry and academia.
- Candidates must have shipped products at a Startup company.
- Expert in Fuzzy Logic based Evolutionary algorithms for data mining
- Expertise in Computational Neuroscience for modeling single neuronal activity

- Expertise in denovo genome assembly of insects (for ex: Drosophila melanogaster, Musca domestica)
- Expertise in Causal Modeling of hormonal pathways
- Expertise in examining private clinical data and genetic data. Candidate should be able to highlight interesting patterns in the datasets
- Programming skills in C++, Python, R, and Java, because our existing codebase uses all these languages
- Experience with Amazon AWS for automated and scalable deployment (for example: Vagrant, Ansible, Chef, Puppet) of our product
- Ability to write low-level C code to optimize the performance of the algorithms
- Experience in designing scientific applications with a mobile front end for data visualization
- Experience in statistical analysis of large datasets (several hundred gigabyte) of pharma companies and hospitals
- Familiarity with biological data repositories such as the UCSC Genome Browser, NCBI, 1000 genomes, COSMIC, TCGA

To Apply
Please apply at http://simplicitybio.com/apply.html

About SimplicityBio
SimplicityBio SA is a Swiss company providing integrative data analysis for precision medicine. Our proprietary software platform accepts heterogeneous datasets as input and converges fast to interpretable and robust models. Our partners range from research institutions, to VC-backed diagnostic companies all the way to the top 20 pharmaceutical companies. The results from our collaborations have been published in scientific journals and conference posters, and are clinically relevant.

www.simplicitybio.com