



Ontology Engineer/Bioinformatics Engineer for Cluj
QIAGEN Bioinformatics
Cluj, Romania / Redwood City, California

The Ontology group is responsible for QIAGEN's large, high-quality Knowledge Base of biological concepts, and its use to integrate content curated from the literature and public databases into our customer applications. As a member of this group, you will join a dynamic cross-functional team composed of biologists, ontologists, bioinformaticians and software engineers working on truly cutting-edge technology. This is an excellent opportunity for individuals with interdisciplinary training in biology and computer science to contribute to the advancement of science and healthcare!

Required Knowledge, Skills, Abilities:

- Basic understanding of molecular biology and genetics concepts
- Proven ability to solve problems using programming and scripting skills, especially in Perl, Python and/or Java.
- Proficiency with database design and query languages (e.g. SQL)
- Excellent critical and analytical thinking with strong attention to detail.
- Energetic and open-minded individual with excellent verbal and written communication skills.
- Enthusiasm to learn new technologies, explore diverse content, and algorithms.

Preferred Additional Experience:

- Knowledge of one or more of the following: ontology, semantic technology, Artificial Intelligence, biomedical text mining, Natural Language Processing (NLP) or expert systems.
- Biological databases and ontologies such as GO, RefSeq, OMIM, PubMed, etc.
- Data integration from disparate sources such as flat files, XML, etc.
- Automating workflows/pipelines using tools such as shell scripting, Ant, Hudson, etc.
- Understanding of software development best practices, testing techniques.

Required Education:

Masters or PhD degree in bioinformatics or computational biology; or in core computer or biological sciences with cross-training or experience in the other

In turn you can expect a high-profile position on a great team with many challenges and rewards!

If this job is interesting for you, just send an e-mail at emilia.fechete@gmail.com and we will be very glad to offer you more details.