

## Bioinformatic Technician Job Description

### About MOA

MOA transforms by-products into high value ingredients using unique biotechnology and software. We are establishing a new industry of sustainable food - solving growing global food demand, reducing waste and making food producers more efficient and commercially successful at the same time.

[www.moafoodtech.com](http://www.moafoodtech.com)

### Job Overview

At MOA, we are expanding our Bioinformatic team. Become a developer of our next-generation platform aiming to assess and optimize microbial growth while helping reduce carbon emissions and improve sustainability. If you are interested in software-driven microbiology, come join us!

Our ever-growing team is looking for a junior bioinformatician focused on building the models our platform. We are looking for highly motivated and talented candidates eager to join our mission.

### Objectives of this role

- Creation and reconstruction of microorganism models to help expand our library.
- Readjustment and curation of existing models upon new data discovery.
- Deliver proper database maintenance, which includes data entry, data organization and general database management.

### Responsibilities

- Ensure the correct development of new models, adjusting to the guidelines and providing good-quality, robust models.
- Warrant truthfulness and fidelity in new models' development, adjusting to bibliographic and experimental data, and be able to detect and correct errors.
- Ensure database performance, uptime, and scale, and maintain good standards for code quality.
- Collaborate with other members of the team to seamlessly join microbiology, bioinformatics and software aspects of the system.

### Required skills and qualifications

- Degree // BSc in Biotechnology, Biology, Biochemistry, Bioinformatics or related fields.
- MSc in bioinformatics, systems biology or similar.
- At least 1 year of experience in Python and SQL.
- Critical analysis capabilities regarding genomic data.
- Organized, good communication skills.
- Conversational English.
- Team work.

### Preferred skills and qualifications

- Experience with systems biology.
- Experience with database management.
- Basic laboratory or cell culture knowledge.
- Experience with non-relational databases.
- Conversational Spanish.
- Resolute, decisive person.

### Location

- Noain, Pamplona, Spain.