

**\*\*The position is also suitable for students**

MAOLAC is searching for a programmer with a biological background or a bioinformatician from a recognized academic institution for an ongoing project according to a monthly bank of hours.

About MAOLAC:

MAOLAC is a biotech startup engineering a Protein Enrichment Platform. MAOLAC is creating bio-functional impact nutrition to enrich human and animal foods & supplements.

Through the use of computational biology, MAOLAC is developing specifically formulated mixtures that will strengthen our users' immune system and provide them with active and targeted protection.

About the Project:

MAOLAC is looking to build an algorithm for two main purposes: to data-mine the company's database and to act as a research aid for literature search through online academic libraries.

MAOLAC's algorithm will be capable of:

1. Analyzing the full protein composition of our raw materials using proteomic libraries.
2. Use bioinformatic principles to identify homologs
3. Automate literature research using keyword searches
- And more...

Job requirements:

- Creativity
- Thinking outside the box
- Experience working with a large protein dataset
- Ability to build a program from scratch (Some SQL files will be provided)
- Experience working with Amazon's cloud computing services (AWS) or alike
- Experience with BLAST and similar software
- Know-how on researching proteins from beginning to end, including identifying their peptides, identifying in which cascades they take part (through the use of Go Names and the like), and identifying their chemical-physical properties

Bonus but not required:

- Experience with Mass Spectrometry

Please send your resume/CV to: [yuvalapp@maolac.com](mailto:yuvalapp@maolac.com)