

Position in an exciting computational biology project

We are seeking a talented and experienced software development engineer for a fascinating research project, combining state of the art software architectures and modeling of complex biological systems. The project is run in Tel Aviv University. The position is open for either candidates seeking a job (on salary) or for PhD candidates (Seeking a PhD thesis in CS / Engineering, with a fellowship).

Responsibilities

- 1) You will participate in the development effort and collaborate with other software engineers and research scientists.
- 2) You will be expected to develop high-quality code that allows for both high-performance and easily understandable software.
- 3) You will apply technologies such as high-performance computing (including GPU), front-end UI, multi-threading and more.
- 4) You should be passionate about software practices that produce maintainable code, including:
testing, continuous integration, code style conformity, versioning, documentation and code review.

Qualifications

Applicants should be experienced in C++ and preferably in large scale parallel/distributed computing

- 1) Proven experience in delivering industry level code.
- 2) BSc/MSc in computer science, engineering, physics or similar.
- 3) Strong communication skills.
- 4) Strong software development skills, with particular experience in C++ .
- 5) OOP principles, basic algorithms, data structures, STL and Boost
- 6) Understanding of distributed and parallel computing is a plus

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