Job Title: Senior Scientist

Qualification: PhD in Computational (biology or chemistry) or PhD in Bioinformatics

Experience: 4- 12 years

Location: Bengaluru

Job brief

- The candidate must lead a team to reach the goal and run the projects successfully for both industrial and academic projects.
- The candidate is expected to make creative project plans for each project that will be executed under Him/Her.
- The candidate should be proactive in troubleshooting problems that might arise during an experiment.

Roles & Responsibilities

- In depth knowledge and skill set pertaining to Molecular Modelling, Docking, Molecular mechanics, Quantum Mechanism, Molecular Dynamics simulation and QM/MM simulations is must
- Brief knowledge/ experience of protein structure, function, dynamics and engineering
- Sound knowledge in programming and scripting languages like Fortran, C, C++, Perl and Python
- Should be able to teach and train his/her team in all the above-mentioned aspects as and when required
- Should have good scientific writing skills and should be able to write scientific article that can be communicate to high impact factor journals.
- Should be able to explain the algorithms and even rewrite the algorithms for improved results.

Core skills required

- Strong team spirit and commitment to success of all team members.
- Able to work independently.
- Excellent interpersonal skills.
- Outstanding communications skills.

Additional skills required

- AI/ML
- Experience in high-performance computing environments
- Linux server maintenance
- Configuring GPU workstations

Please send in your CVs to : Shilpa.ramdurg@quantumzyme.com