

Job Title: Intern Computational Biology

Qualification: B.Tech / BE / M.Tech/M.Sc. in Bioinformatics

Duration: 6+ months

Job Location: Bengaluru

Preferred Location: Bengaluru

Mode of Internship: Off Line, Unpaid

Responsibilities:

- Understanding the project requirement
- Assist team members to deliver the results/reports on time
- Actively contribute to the preparation of report, presentation, and scientific publications
- Conduct an independent literature search to extract meaningful information
- Represent the complex data in a structured manner with proper analysis and visualization
- Flexible in working on different technologies

Required Skill Set:

- Good knowledge of the protein-ligand interactions
- Knowledge on protein structure, function, and dynamics
- Python/Shell scripting is a must
- Proficient in small-molecule docking with Autodock, Autodock Vina
- Excellent communication and teamwork skills to work with both in silico and in vitro scientist in a collaborative manner

Desirable Skill Set:

- Experience in Machine Learning/ Artificial Intelligence will be an added advantage
- Molecular dynamics simulation in Gromacs/OpenMM
- Introductory knowledge of Quantum chemistry

Please share in your profiles to : Shilpa.ramdurg@quantumzyme.com