



Job Title: Intern Computational Biology

Location: Bengaluru, Karnataka, India

Company: Quantumzyme

About Us: Quantumzyme is a leading company in the field of biocatalysis, leveraging cutting-edge technology to provide sustainable and efficient solutions for the chemical, pharmaceutical, and other manufacturing industries. Our mission is to revolutionize the way chemicals are produced, making processes greener and more cost-effective.

Job Description:

Position Overview: As an Intern in Computational Biology at Quantumzyme, you will engage in various bioinformatics and computational biology projects. This role provides a valuable opportunity to gain hands-on experience and contribute to scientific research.

Key Responsibilities:

- Grasp the requirements of the project.
- Assist team members in delivering results and reports on time.
- Contribute to the preparation of reports, presentations, and scientific publications.
- Conduct independent literature searches to extract meaningful information.
- Represent complex data with proper analysis and visualization.
- Be adaptable and willing to work with different technologies.

Required Skill:

- Good knowledge of these interactions.
- Understanding of protein structure, function, and dynamics.
- Proficiency in Python/Shell scripting.
- Experience with small-molecule docking using Autodock and Autodock Vina.
- Excellent skills to collaborate with both in silico and in vitro scientists.

Additional Skill:

- Experience in these areas is an added advantage.
- Experience with Gromacs/OpenMM.
- Introductory knowledge is beneficial.

Qualifications:

- B.Tech / BE / M.Tech / M.Sc. in Bioinformatics

Duration:

- 6+ months



How to Apply: Interested candidates are invited to send their resume to rakshitha.shettar@quantumzyme.com