Shouryan Patil

Pune, India / work.shouryan@gmail.com / +919096932131

Summary

Personable and analytical, bringing strong foundational knowledge in bioinformatics and computational biology. Skilled in programming languages such as Python and R, combined with expertise in data analysis and genomic data interpretation. Committed to leveraging these skills to contribute to cutting- edge research and impactful projects.

Experience

BVG Life Sciences Limited

Intern, Pune, India
04/2024 - 10/2024

Computational Biology:

- Conducted molecular docking using tools like AutoDock4 and AutoDock Vina to evaluate binding interactions of herbal bioactive compounds with target proteins.
- Analyzed docking results to prioritize potential drug candidates, reducing the development timeline.

Research & Development (R&D):
- Performed quality analysis of oral solids and liquids, focusing on parameters like weight variation. disintegration time, viscosity, and pH stability.
- Utilized Soxhlet extraction techniques for isolating bioactive compounds, ensuring efficient phytochemical recovery.

Skills

Python (Programming Language), R (Programming Language), Molecular Biology, Data Analysis, Statistics, Communication, Written Communication, Teamwork and collaboration, Problem-solving

Education

Master of Science in Bioinformatics

Dr. D. Y. Patil Institute of Technology , Pune, India
04/2025

Bachelor of Science in Biotechnology

Modern College of Arts, Science & Commerce , Pune, India
04/2023

Languages

English, Hindi, Marathi