Postdoctoral Fellow in Computational Genomics (Deadline: Feb 20, 2024)

Position Details:

- Role: Postdoctoral Fellow (Research Associate - 1)
- Area of Work: Cancer Genomics and Computational Biology
- Affiliation: (The Sengupta Laboratory) Departments of Computational Biology and Computer Science, IIIT Delhi, Okhla Phase 3, Delhi 110020
- Salary: INR 47,000/- per month plus 24% House Rent Allowance (HRA)
- Duration: The position is for Four years or, project completion/funding discontinuation whichever is earlier
- Funding agency: Dept. of Biotechnology (DBT)

Eligibility & Evaluation:

- Ph.D. in Engineering or Physical Sciences. Ph.D. in Biological Sciences with proficient programming and bioinformatics skills are also welcome.
- Skills Required (some): Python, R, Shell scripting, algorithms, familiarity with AI/ML/NLP, and statistics
- Excellent publication track record
- Evaluation will be based on merit and will involve a hands-on programming test and interview.

About the Lab:

- The Sengupta Laboratory is a leading research lab in computational genomics. Renowned for introducing big data algorithms to scale single-cell analysis, the lab also combines microfluidics, single cell and bulk omics and AI to develop innovative approaches for cancer detection and personalized therapy recommendations.

- Key Publications: Nucleic Acids Res. 2018a, 2018b, 2021; Nat. Comm. 2018, 2022; Genome Research 2021, 2023; Nat. ChemBio. 2022; Journal of Biological Chemistry 2022

- Lab Page: https://www.thesenguptalab.com/

- Past Members: https://x.com/lab_sengupta/status/1746952626128994371?s=20

Application Details:

- Deadline: February 20, 2024 (no extension)
- Application Link: https://forms.gle/9eKGXj6XU2NyX9Sr5

Contact: Prof. Debarka Sengupta (debarka@iiitd.ac.in)