



DIVYANSHU SRIVASTAVA

Computational Biologist

WORK EXPERIENCE

Researcher - Life Sciences
TATA Research, Development and Design Center
(TRDDC) - Pune
2018 - Present

ABOUT ME

I am a IT engineer turned computational biology researcher. I enjoy solving puzzles and problems. Interests include mathematics, electronics and sports.

SKILLS AND INTERESTS

- ✓ ✓ ✓ Data Science
- ✓ ✓ ✓ Network Biology
- ✓ ✓ ✓ Statistical Computation
- ✓ ✓ ✓ Natural Language Processing
- ✓ ✓ ✓ Python, R, MATLAB, Bash
- ✓ ✓ Parallel Programming
- ✓ ✓ Graph Signal Processing
- ✓ Cuda C, Arduino, C, C++, JAVA

REACH ME AT

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ACADEMIC HISTORY

Indraprastha Institute of Information Technology,
Delhi

M. Tech (Computational Biology) 2016-2018

- GPA - 9.26
- Thesis - Graph Signal processing based analysis of biological networks. (June 2017 - July 2018)
- Teaching Assistant - Introduction to Mathematical Biology, Linear Algebra

Cluster Innovation Center, University of Delhi

B. Tech (Information Technology and Mathematical
Innovations) 2012-2016

- Percentage - 83.61
- Specialization - Electronics and Robotics
- Internships - Defence Terrain Research Laboratory (DRDO), Birla Institute of Technology, PHD Chamber of Commerce
- Purchase Manager - Robotics Society

PUBLICATIONS

- Divyanshu Srivastava, Arvind Iyer, Vibhor Kumar, Debarka Sengupta; CellAtlasSearch: a scalable search engine for single cells, *Nucleic Acids Research*, Volume 46, Issue W1, 2 July 2018, Pages W141-W147.
- Divyanshu Srivastava, Krishanu Das Baksi, Kuntal K. Bhusan, Sharmila Mande; 'EviMass': A literature evidence based miner for human microbial associations, *Frontiers in Genetics*, August 2019.
- Sunil Nagpal, Divyanshu Srivastava, Sharmila S. Mande: What if we perceive SARS-CoV-2 genomes as documents? Topic modelling using Latent Dirichlet Allocation to identify mutation signatures and classify SARS-CoV-2 genomes, *bioRxiv* 2020.08.20.258772.

AWARDS AND ACHIEVEMENTS

- IELTS Score (2019) - 8.5
- GATE Score (2016) - 532
- Awarded First Prize - "Best in Robo" @ Innovation Fair, 2015, National Science Centre, New Delhi for "Android Controlled Robot."