

RESUME

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Muskaan Gupta

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Glasgow, United Kingdom

ACADEMIC QUALIFICATIONS

- M.Sc. Bioinformatics, College of Medical, Veterinary and Life Sciences, University of Glasgow, September 2023 – September 2024
Project: Developing Methods to Assess the Accuracy of Gene Models
Skills: R, Python, Bash, SQL, PyMol, Academic Writing
- B. Sc. (H) Zoology, Sri Venkateswara College (SVC), University of Delhi, July 2019 – July 2022
Grand CGPA – 8.905 out of 10; First Division
- Completed a Five-Month Add-On Course on Bioinformatics and Computational Biology: by Sri Venkateswara College Bioinformatics Center [Sept 2020 – Jan 2021]
Skills: Jmol, ClustalX2, MEGA-X, BLAST
- Completed a Four-Month Online Certificate Program in Forensic Science, With 83% (A+) by St. Xavier's College, Mumbai [May 2021 – Aug 2021]

WORK EXPERIENCE

- RNA Institute Summer Bioinformatics Program by the RNA Institute, University at Albany, State University of New York (SUNY)
(*Work:* Transcriptomics – High-Throughput RNA-seq Analysis)
'Summer Fellow' under the Supervision of Dr. Paolo Forni, UAlbany Department of Biological Sciences, 1 June to 31 August, 2022
Award: 'Outstanding Oral Presentation' at RNA Institute Summer Bioinformatics Program Symposium
Skills: R, Linux (SLURM on High-Performance Computer), FastQC, ShinyGO
- Won 'Best Oral Presentation' Title at HEALTH 2021 Virtual International Conference on "Cancer Biology: Advances and Challenges" by Deshbandhu College
(*Work:* CAM Assay in Uveal Cancer)
Interned under the Supervision of Dr. P Jayaraj, SVC Zoology Department, March 2021 to January 2023
[Publication](#) in the Indian Journal of Ophthalmology
Status: Co-author
- Sri Venkateswara Internship Program for Research in Academics: SRI-VIPRA
(*Work:* Malarial Research Review)
Interned under the Supervision of Dr. Anita Verma, Head of SVC Zoology Department, 20 June to 15 August, 2020