Manas Gupta

As a recent graduate with a Master's degree in Bioinformatics, I am eager to apply my knowledge and skills in a professional setting. With a foundation in programming and data analysis, I am proficient in languages such as Python, R, and SQL, and have experience in analyzing genomic data with experience in machine learning algorithms, strong attention to detail, a passion for problem-solving, and a commitment to learning and growth, I am well-equipped to contribute to bioinformatics research and data analysis. I am seeking an entry-level role that will allow me to build on my skills and gain hands-on experience in the field of bioinformatics and data analytics.

Contact

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Education

2016 - 2022
DUAL-DEGREE B.TECH-M.TECH
University of Rajasthan - 88.5 %

2016
All India Senior School Certificate Examination (AISSCE)
IIS, Jaipur -88.8%

Skills

- Python
- Git/GitHub
- R language
- HTML/CSS
- Shell Scipting
- SQL
- Computer Aided Drug Design

Language

- **English**
- **Hindi**

Experience

July 2022-November 2022
Fortem Bioscience Private Limited.

Bioinformatics Intern

- Successfully worked on a Drug Discovery Platform on a SaaS project, leveraging cutting-edge technologies and software tools to accelerate drug discovery research. Skilled in analyzing complex biological data, developing predictive models, and collaborating with cross-functional teams to drive results.
- Successfully led teams in developing and implementing bioinformatics solutions that have contributed to groundbreaking research.
- Integrations of various computational tools for building web applications using Python libraries such as Numpy, Pandas, and Flask, and implemented bioinformatics solutions
- experience conducting cutting-edge research on various machine learning algorithms used in different computational tools for protein structure prediction.

July 2021- October 2021

Dr. Blal Institute of Biotechnology,Jaipur

Project Intern

- Researched various phytochemicals present in medicinal plants and experimented on antibiotic-resistant bacteria for antimicrobial potential.
- Experience in leading teams and coordinating tasks, I am adept at managing complex projects and ensuring module progress. Skilled in collaborating with cross-functional teams, I have successfully led teams in developing and executing daily tasks that have contributed to groundbreaking research. With a strong attention to detail and a passion for problem-solving and attention to detail.

August 2019- October 2019

CSIR-IGIB, New Delhi

Student Intern

- hands-on training experience in molecular techniques used in recombinant DNA technology, including protein extraction, media preparation, gel electrophoresis, ligation, and transformation of E.coli.
- Published a review article including a review article titled "Understanding the Machinery of Mycobacteriophage to Control Infection of Mycobacterium tuberculosis H37Rv Using Mycobacterium smegmatis," published in Archives of Nanomedicine: Open Access Journal

Reference

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