

Avnam Ohri

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ABOUT ME

Looking for a position to use my skills, knowledge, and abilities in the trade that presents competitive surroundings, a true vocation to put in the acquired knowledge and increase exposure to future technologies while being flexible resourceful, and innovative.

SKILLS & PROFICIENCIES

- **Bioinformatics:** Data Science, statistical Analysis, Simulation studies, modelling, big data analysis, CADD
- **Programming Skills:** Python, HTML5, Peral, Basic shell scripting, Linux, Git and GitHub, basic PHP.
- **Libraries:** Pandas, NumPy, Sckit-learn, Matplotlib, Seaborn, Pytorch, SciPy, PubChemPy, Beautiful Soup, urllib, Django.
- **Computer science fundamentals:** CAD Software, Data modeling, System design, Statistics and probability, technical reporting, Microsoft Office Suite, Google Drive (Sheets, Docs, etc.), Conference calling software (Zoom, Skype, GoToMeeting), Evernote, (Trello, Slack)
- **Non-Technical:** Communication, Problem solving, Active listening, Adaptability, Organization, Time management, Prioritization.

AWARDS & ACHIEVEMENT

- Poster Presentation in 5th International Conference at Invertis University, Bariely, UP
- Industrial Training at Dr. B LalInst. of Biotechnology.
- Best Team Work Medalist- Dr. B. Lal Institute of Biotechnology

PROJECTS

"Machine learning based virtual screening and molecular dynamics simulation study of selected hits against essential drug targets of SARS-CoV-2"

Project Trainee at **CSIR- Central Drug Research Institute, Lucknow (CDRI)** in Department of "Molecular and Structural Biology"

Techniques used: Worked on Servers, Machine learning technologies, mobaxterm, Gpu based computing. Scripting, Automation using python

TRAINING

In-silico drug repurposing of anti- cancer drug as an anti – bacterial drug for Pseudomonas infection.

3 Month Training at Dr. B. Lal Ins. of Biotechnology

Industrial training in Industrial Biotechnology.

1 Month Training at Dr. B. Lal Ins. of Biotechnology

EDUCATIONAL BACKGROUND

- **Dr. B. Lal Institute of Biotechnology**
M.Sc. Biotechnology
I & II Sem- 70%, III Sem- 70%
- **Dr. B. Lal Institute of Biotechnology**
B.Sc.
Biotechnol
ogy76.8%
- **D.A.V Public School, Kota**
Higher secondary
School68.7%
- **D.A.V Public School, Kota**
Secondary School
7.4 CGPA/70%

PARTICIPATIONS

- Poster Presentation in 5th International Conference at Invertis University, Bariely, UP
- **Theater Association Jaipur**
Worked as Theater artist performed in four professional theaters till date in Indian professional theatre association, Jaipur.

REFERENCES

Prof. R. Ravishankar

Head, Molecular & Structural Biology Division, CSIR-CDRI

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Dr. Sudipti Arora

Dr. B. Lal Institute of Biotechnology,
Assistant Director

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Mr. Shradheya R R Gupta

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