Humanath Poudel

University of Nevada, Reno

I am a graduate student in computational chemistry at UNR, and I use molecular dynamics simulations to study energy transfer rates in proteins, membrane proteins and G protein couple receptors. I am also system admin of our research group HPC.

I use following software and tools.

- Software: Amber, Gromacs, Gaussian.
- Parallelization: MPI and Cuda.
- Python for data analysis.

Interested in machine learning to analyze molecular dynamics simulations data.

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Summer institute goal: To learn more about HPC, parallelization of codes, machine learning and data analysis.