SOURAV THAPLIYAL

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Jodhpur, RAJASTHAN, 342030

OBJECTIVE

Actively seeking exposure in the field of CONDENSED MATTER PHYSICS, BIOPHYSICS, SOFT MATTER PHYSICS.

CAREER OBJECTIVE

Currently, i am exploring in the field of **Computaional condensed matter Physics** and aiming for **higher studies**.

EDUCATION

Indian Institute of Technology, JODHPUR	2nd sem - 7.76 /10
2nd Year, MSc	1st Sem - 7.69/10
Department of Physics	
Delhi University	2018-2021
BSc Physical sciences with electronics	Overall score: 7.47/10
Vanasthali Public School	*2015-2017*
Higher Secondary Education, CBSE board	Overall percentage: 85.6/100
Physics, chemistry, Mathematics	
Vanasthali Public School	*2013-2015*
Secondary Education	Overall cgpa 8.0/10
CBSE Board	

SUMMER SCHOOLS AND INTERNSHIPS

1. Selected in **IUCAA Intoductory summer school in Astronomy and Astrophysics** 2021   may 10 - June 11.

2. Attended **QIQT - by IISER kolkata** 2021.

3. Attended **Quantum Ideas Virtual Summer School 2021** by **Duke University** .

4. Completed the **Eigensolvers Quantum School** organised by the **Eigensolvers** and ISTE **,NIT Calicut**.

5. Attended **QISKIT Global Summer School** on **Quantum Machine Learning** ,2021.

6. Completed **HANDS ON** excercise -**The structure of materials using theoritical and computational techniques** under **Dr. Santosh Mogurampelly** and **Dr. Durgamadhab Mishra** 2021-22 (1st year of Masters).

7 . Completed the course **The Complete Introduction to LAMMPS** as taught by **Philip Baldock** on **Udemy**.

8. Working on the my master's project **"Phonons Thermal Transport in 2D Materials using MD simulation and DFT"** (currently)

ACADEMIC ACHIEVEMENTS

1. Secured **97 percentile** in **IIT JAM** Physics 2021

RELEVANT COURSES

1. Core Courses
classical mechanics, statistical mechanics, quantum mechanics, Mathematical physics, electronics ,atomic and molecular physics, electrodynamics, condensed matter physics, soft matter physics(introduction),nuclear and particle physics etc **all other post-grad level**

2. Self learned Courses
Quantum information and Computation, referred book- Quantum computing by McMahon David.

SKILLS

Programming skills:
Python, LaTex, Matlab, Bash

Software Packages known:
LAMMPS, VMD

Extracurriculars:
calisthenics, sports like Cricket, volleyball etc.

Languages:
English, Hindi.

MISCELLANOUS

I love to do trekking, hiking, clicking pictures and to watch tv series.