

# VERNNIT VERMA

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Village Ghumana , Tehsil Kumarsain, District Shimla, Himachal Pradesh

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## OBJECTIVE

Enthusiastic and dedicated beginner seeking an internship. Eager to embark on a journey of practical exploration, I find joy in solving realistic problems , coding , performing experiments and observing results firsthand. Although new to the field, my strong work ethic and passion for hands-on learning drive my commitment. Excited about the opportunity to apply theoretical knowledge to real-world scenarios, I am ready to contribute earnestly and learn extensively during my internship.

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## EDUCATION

<b>National Institute of Technology Hamirpur</b>	<b>2025</b>
B.Tech Engineering Physics (Physics and Photonics) (ongoing)	
<b>D.A.V. SJVN Public School , Duttanagar , Himachal Pradesh</b>	<b>2020</b>
Secondary Education (CBSE Board): 87.4%	
<b>D.A.V. Public School , Kumarsain, Himachal Pradesh</b>	<b>2018</b>
High School Education (CBSE Board): 90.6%	

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## KEY COMPETENCIES

- Data-driven strategic planning
- Proficient in research methodology
- Effective teaching and mentoring abilities
- Strong report writing and presentation skills
- Advanced critical thinking capabilities
- Exceptional communication proficiency
- Proactive and self-motivated mindset
- UI/UX Design

## SKILLS & TOOLS

- Python (Advanced proficiency)
- Data Structures and Algorithms
- Matlab (basic)
- Jupyter Notebooks
- Git and Github
- Figma (intermediate)
- Scientific writing
- Project management skills

## GIT-HUB AND LINKEDIN :

Git-hub : <https://github.com/Vernnit>

Linkedin : <https://www.linkedin.com/in/vernnit-verma-0a64b1230>

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## COURSEWORK

- Data Structures and Algorithms
- Semiconductors
- Laser and Photonics
- Quantum Mechanics
- Classical Mechanics
- Nuclear Science
- Atomic and Molecular Physics
- Spectroscopy
- Plasma Physics
- Nanotechnology

EXTRACURRICULAR ACTIVITIES

- Finance Team Member, Hill'ffair  
National Institute of Technology Hamirpur
  - Contributed to the finance team for Hill'ffair, ensuring efficient financial operations and budget management for the annual cultural and technical festival.
  
- Discipline Club member , Hill'ffair  
National Institute of Technology Hamirpur
  - Ensured Proper conduct of various events with in the campus in a disciplined manner , ensuring proper obedience of rules and regulations of our college.

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INTERESTS AND HOBBIES

- Volunteerism for Environmental Conservation Projects: Engaging in initiatives to preserve and protect the environment.
  
- Photography: Capturing moments and scenes that inspire, from nature to cityscapes.
  
- Trekking and Hiking: Enjoying outdoor adventures and exploring new trails and peaks.
  
- Music Production : Enjoy producing music and writing songs.
  
- Cooking: Experimenting with flavors and cuisines to create delicious meals.
  
- Gardening: Nurturing plants and creating vibrant green spaces for relaxation.
  
- Drawing and sketching: I also enjoy my free time drawing and sketching a little bit.

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