



Harsh Mittal

B.Tech in Electrical Engineering
With Additional Semester Internship
Indian Institute Of Technology, Ropar

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EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
Bachelor of Technology	Indian Institute of Technology, Ropar	8.52 (Till 6th Sem)	2018-2022
Senior Secondary	Central Board of Secondary Education	89.8%	2018
Secondary	Central Board of Secondary Education	10.0	2016

EXPERIENCE

- Goldman Sachs Services Pvt Ltd** *Summer Analyst* *June 2021 - July 2021*
Bangalore - WFH
– Working as a Software Development Engineering Intern in the Engineering Division
- Ketto Online Ventures Pvt Ltd** *SDE Intern* *July 2020 - Sept 2020*
Mumbai - WFH
– Using Natural Language Processing Techniques to predict the success of a fund raising campaign
– Developed model to suggest changes to increase the expected revenue. It's predicted to increase the revenue by 4.3
- Indian Institute of Technology Ropar** *Summer Intern* *May 2019 - July 2019*
Ropar
– Researched ways to streamline the admission process for Post-Graduate and Ph.D. admissions to IITs
– Helped in the development of a real time web portal to handle all the queries from aspirants

PROJECTS

- Faculty Leave and Projects Management** *Database Management Systems* *Mar 2021 - Apr 2021*
Github
– Developed a Portal to manage the leave and project applications filed by Faculties.
– Took care of budgets, constraints. Implemented the Back-End, Front-End and DBMS.
- Virtual Classroom** *Development Engineering Project* *Mar 2021 - Apr 2021*
Github
– Developed a Portal to manage the faculty, TA and student interactions for the lab courses.
– Provided features including attendance management, student addition, submission and grading etc.
- Traffic Analysis and Management** *B.Tech Project* *Feb 2021 - May 2021*
– Developing model to analyse the traffic at a traffic junction through Computer Vision.
– This analysis will then be used to route the traffic accordingly thus saving time and fuel.
- Other Projects** *Self* *Jan 2020 - May 2021*
Github
– Implemented the code for Minimum Cost Arborescence with C++ from scratch.
– Database Management System for Music Player using SQLite to manage artists, labels and companies.
– Library Book Database Management System with SQLite to help issue and deposit books.

TECHNICAL SKILLS

- Programming:** C/C++, Python
- Development:** Operating Systems*, OOP*, Database Management
- Competitive Programming:** Candidate Master on Codeforces, 5 star on Codechef, Completed Google Foobar 2020
- Others:** Cryptography*, Machine Learning* and Financial Markets ** Working Proficiency*

KEY COURSES TAKEN

- CSE & Maths:** Algorithm & Data Structure, Operating System, DBMS, Discrete Math, Probability & Statistics, Calculus
- Others:** Digital Logic Design, Signal & System, Macro & Micro Economics, Professional Communication

POSITIONS OF RESPONSIBILITY

- Head Placement Coordinator**, Training & Placement Cell - Managing the 2021-22 Internships and Placements
- Vice President**, Enactus, IIT Ropar - Responsible for Team Management, Corporate Relations, etc.
- Convener**, College Fests - Lifestyle Events & Sponsorship in Zeitgeist, Exhibition & Guest Talks in Advitiya

MISCELLANEOUS

- KVPY Scholar**, Secured AIR 609 in Kishore Vaigyanik Protsahan Yojna 2016-17 *2017*
- World Rank 20**, CodeChef June Cook-Off *2021*
- World Rank 100**, Codeforces Round 662 *2020*
- Finance & Economics Club**, Senior Member, Represented Club in various competitions & Inter IIT Tech Meet *2019*
- Intellectual Property Rights**, First runner up in inter college IPR Quiz at Advitiya *2019*
- Social Service**, Member of the National Social Service and participated in Rescue during 2019 floods. *2018-20*
- Volunteer**, Instructor for Pehchaan - Ek Safar NGO and taught under-privileged children. *2019*