Kaushal Jyanni

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EDUCATIONAL QUALIFICATIONS

Year	Degree/Certificate	Institute	CGPA/Percentage
2015 - 2019 (Expected)	B.Tech	Indian Institute of Technology, Kanpur	7.2
2015	AISSCE (CBSE)	Shiv Jyoti Sr. Sec. School, Kota	85.6%
2013	AISSE (CBSE)	D.A.V. Public School, Kota	10.0

ACHIEVEMENTS

- Appointed as **Student Research Associate** at IIT Kanpur for the period May'16 to July'16.
- Secured **All India Rank 649** in **JEE Advanced 2015** among **1.5 lakh** candidates
- Conferred with the prestigious **Kishore Vaigyanik Protsahan Yojana (KVPY)** scholarship in **2014**
- Secured **Statewise Top 1 %** (Rajasthan) in **National Standard Examination in Chemistry 2015**

WORK EXPERIENCE

- **Dynamic Data Scraping Of Cricket Statistics** *May - July 2017*
  Software Engineering Intern, SeeHow
  - Created a web app to scrape data and query from BCCI, ICC and IPLT20 websites
  - Used Python **Selenium** library for scraping bowlers' speed statistics data
  - Developed the webapp on Python **Flask** framework and used **SQLite3** database
  - Integrated Google Drive **APIs** to sync the data between Google Drive and local database

- **Progress Monitoring Dashboard** *May -July 2017*
  Software Engineering Intern, SeeHow
  - Created a dashboard to monitor the progress of Machine Learning algorithms overtime
  - Used **Flask** for the back end and **MySQL** database for storing data and query system

- **Poisson Equation Solver** *May - July 2016*
  JR. RESEARCH ASSOCIATE, PROF. M. K. VERMA
  - Implemented 3-Dimensional Multigrid Solver for Poisson Equation using **Parallel Programming** techniques in **CUDA**
  - Used Thrust **CUDA** Library and implemented Jacobi Iterator method

PROJECTS

- ***N-Body Simulation*** *Jan - May 2016*
  Association for Computing Activities
  - Simulated the movement of dynamic system of particle in multiple object gravity field systems
  - Used **parallel computing** techniques in **CUDA** along with **OpenCV**

TECHNICAL SKILLS

- **Programming languages :** C, C++, CUDA C/C++, Python, Bash, HTML, CSS, Javascript
- **Tools:** Git, Vim, LATEX, SQL, OpenCV, R, Octave

RELEVANT COURSES

- **Computers**: Operating Systems(*), Theory of Compuatation(*), Introduction to Machine Learning(*), Data Structures and Algorithms, Computer Organization, Fundamentals of Computing, Introduction to Logic, Computing Laboratory * : ongoing courses
- **Mathematics:** Abstract Algebra, Linear Algebra and ODE, Discrete Mathematics, Introduction to Calculus, Probability and Statistics

POSITION OF RESPONSIBILITY

- **Student Guide:**
  - Guided 6 freshmen to help them cope with academic and personal challenges
  - Assisted in organizing Orientation Programme 2016 for over 800 freshmen