Kaushal **Jyanni**

SECOND YEAR UNDERGRADUATE · COMPUTER SCIENCE AND ENGINEERING

Indian Institute Of Technology Kanpur

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Education

Indian Institute Of Technology Kanpur

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING   *2015 - 2019(Expected)*

- Cumulative Peromance Index(CPI): 7.3/10

Honors & Achievements

2015	**All India Rank-649**,	Joint Entrance Exam Advanced, 1.5 million candidates
2015	**KVPY Scholarship Awardee**,	Indian Institute Of Science and Government Of India
2015	**Overall 85.6%**,	Class 12, Rajsthan Board Of Secondary Education
2014	**Top 1% Of State**,	National Standard Examination In Chemistry(NSEC)
2013	**CGPA 10/10**,	Central Board Of Secondary Education(CBSE)

Projects

N-Body Simulation using parallel computing in CUDA

ASSOCIATION OF COMPUTING ACTIVITIES   *Jan. 2016 - Apr. 2016*

- Simulated a dynamic system of particle under their gravitational forces
- Used parallel computing to drastically improve the perfomance over normal serial code
- Used CUDA architecture alongwith openCV

Research Experience

Poisson Equation Solver

JR. RESEARCH ASSOCIATE, PROF. M. K. VERMA   *Jul. 2016*

- Implemented 3-dimensional poisson equation solver in CUDA
- Used parallel programming for increasing perfomance
- Code to be later used on a supercomputer in IIT Kanpur

Position Of Responsibility

Student Guide

COUNSELLING SERVICE, IIT KANPUR   *April 2016 - PRESENT*

- Guided group of 6 freshmen in their induction into the institute, gave them academic as well as moral support
- Ensured proper execution of the activities and sessions in the Orientation Program 2016

Skills

Programming :	C, C++, Python, CUDA, openCV
Operating Systems :	Ubuntu, Arch, Window
Utilities :	LaTeX, Git, GitHub, Regex

Relevant Courses

- **Mathematics :** Real Analysis, Linear Algebra & Single variable Calculus, Discrete Mathematics, Abstract Algebra, Probability and Statistics(*)

- **Computer Science :** Fundamentals Of Computing, Computer Organization(*), Data Structure & Algorithm(*)

(*): Course in progress

Extra Curriculars

2016	**Jr. Marketing Executive**, Antragini'16
2016	**Jr. Marketing Executive**, Techkriti'16