Swastik Sharma

Third year Undergraduate
Mathematics and Computing
Indian Institute of Technology Kanpur

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Educational Qualifications

Bachelor of Science: Indian Institute of Technology, Kanpur *CPI:* ***8.0*/10.0***	*July'14-Present*
Senior Secondary - CBSE: Greenway Modern School, Delhi *Overall percentage:* ***94.4%***	*2014*
Secondary - CBSE: Greenway Modern School, Delhi *CGPA:* ***9.8/10***	*2012*

(*) upto 4th sem

Academic Achievements

- Secured All India Rank **2373** in **Joint Entrance Exam(Advanced)** 2014 among 150,000 students *2014*
- Acquired **250 marks** out of 360 in **Joint Entrance Exam(Main)** 2014 *2014*
- Scored perfect **100 marks in Mathematics** in AISSCE conducted by CBSE *2014*

Programming Achievements

- **Expert(Blue)** with current rating of 1766 on **Codeforces**
- Ranked **266th** on **Codechef** among 25,000 active Indian users in short contests
- Ranked **191th** on **Codechef** among 13,000 active Indian users in long contests
- Advanced to Round 2 of Facebook Hackercup 2015
- Solved more than 100 problems on **Spoj** (Sphere online Judge)
- Ranked 7th in June Circuits on Hackerearth among more than 1000 participants
- Helped in setting and testing problems for IOPC 2016 (organized by IIT Kanpur)

Projects

- **Paper Shredder(Course Project for TA202A under Dr. Arvind Kumar)** *Aug'15 - Nov'15*
  - Designed and fabricated a low cost Paper Shredder out of mild steel
  - Manufactured various parts such as shafts, blades and washers and assembled them together
  - Acquired skills such as drilling, milling, turning
- **Mars Rover(Course Project for TA201A under Dr. Krishanu Biswas)** *Jan'16 - April'16*
  - Designed and fabricated a model for the Mars Rover out of mild steel
  - Manufactured parts such as wheels, drill arms and assembled them together
  - Acquired skills such as casting, welding and brazing

Technical Skills

Languages	**C/C++, Java(Basic),Python(Basic)**
Operating Systems	**Linux**, **Windows**
Tools	**Bash**, **Git**, **LATEX**

Relevant Courses

Fundamentals of Computing	Linear Algebra	Mathematical Logic
Partial Differential Equation	Probability and Statistics	Ordinary Differential Equations
Real Analysis		

Position Of Responsibility

- **Secretary, English Literary Society** *July'15 - April'16*
  - Coached freshmen of 2015 batch for participating in events such as Dumb Charades and Word Games
  - Helped in organizing events and workshops for the students

Extracurricular activities

- Participated in Indian Open Rubiks Cube in Techkriti'15(Technical Festival of IIT Kanpur) and solved 3x3x3 Rubiks cube in less than a minute
- Secured 1st position in the event Heavens above of Astronomy Club in Takneek'14(Inter-Hall Technical Competition)
- Secured 3rd position in the event Bridge It of Descon Hobby Group in Takneek'14
- Participated in MELA(Music, Entertainment, Literature and Arts) Quiz and Film Quiz various times conducted by Quiz Club
- Worked on learning to solve a Rubiks cube blindfold in Summer'15