

# Swastik Sharma

Third year Undergraduate  
Mathematics and Computing  
Indian Institute of Technology Kanpur

Email: [swastiks@iitk.ac.in](mailto:swastiks@iitk.ac.in)  
[swastik1996@gmail.com](mailto:swastik1996@gmail.com)  
Phone: (+91)-7755047950

## Educational Qualifications

---

**Bachelor of Science:** Indian Institute of Technology, Kanpur *CPI: 8.2\*/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 maximum rating of 1766 on **Codeforces**
- Ranked **161th** 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 2016
- 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	<b>C/C++, Java(Basic),Python(Basic)</b>
Operating Systems	<b>Linux, Windows</b>
Tools	<b>Bash, Git, L<sup>A</sup>T<sub>E</sub>X</b>

## 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