

# Abhishek Kumar

Second Year Undergraduate  
Dept. of Computer Science and Engineering,  
Indian Institute of Technology Kanpur, India

abhikr@iitk.ac.in  
theabhishek763@gmail.com  
Mobile No.: +91 9454 025 308

## ACADEMIC DETAILS

Educational Qualification	Institute/Board	Year	CPI/%
B.Tech - Computer Science & Engg.	Indian Institute of Technology, Kanpur	July'15-May'19	9.8
Class XII - AISSCE	D.A.V. Public School, BSEB Patna	April'15	96.4%
Class X - CBSE	D.A.V. Public School, BSEB Patna	April' 13	10.0

## SCHOLASTIC ACHIEVEMENTS

- Secured an **All India Rank 596** in IIT-JEE Advanced 2015.
- Secured an **All India Rank 481** in IIT-JEE Mains 2015.
- Got **shortlisted** for Fellowship Award (KVPY) Conducted by IISC, Bangalore.
- **Selected** for the scholarship under NATIONAL TALENT SEARCH SCHEME (NTSE) organised by NCERT.
- Among **Statewise Top 1%** in National Standard Examination in Chemistry (NSEC) 2014.
- Received **Certificate of Merit** from C.B.S.E. for scoring 100% marks in P.E. in Class XII.

## TECHNICAL SKILLS

- **Programming Languages:** C, C++, Bash, Python, R.
- **Web development:** HTML, CSS, Javascript .
- **Tools:** Arduino IDE, Processing, L<sup>A</sup>T<sub>E</sub>X, Adobe Photoshop, QTSpim.

## PROJECTS

- **Mechanism Design** ( under *Prof. Sunil Simon, Jan'17-now* )
  - Study of Algorithmic Mechanism Designing using concepts of Game Theory and their applications in real life problems.
- **Combinatorial Game Theory**( under *Prof. Nitin Saxena for Discrete Maths Course, Fall'16* )
  - Analysis of various combinatorial games like *NIM*, *HEX* etc. & mathematical notion of n-person games.
- **Socio-Interactive Bot**( under *Electronics Club IITK, Summer'16* )
  - Implemented face & speech recognition, Web search, send & receive emails, handle twitter account.

## Community Service/PORs

- Core Team Academics, Counselling Service IITK for the year 2017-18. Organising Institute level remedial classes for academically deficient students, hiring of academic mentors.
- Academic Mentor, Counselling Service IITK for the year 2016-17. One-to-one mentoring of 3 students of first year for the course *Mechanics*.

## Relevant Courses

- Fundamentals of Computing   • Linear Algebra & Differential Equations   • Probability & Statistics\*
- Discrete Maths   • Computer Organisation\*   • Abstract Algebra   • Introduction to Electronics
- Data Structures & Algorithms\*   • Will be completed before May'17