

Kunal Singhal

Curriculum Vitae

🏠 C94 MP Enclave, Pitampura, New Delhi 110034
☎ +91 997 149 0655
✉ knsn1994@gmail.com
💻 <http://www.cse.iitd.ernet.in/~cs1120231>

RESEARCH INTERESTS

- Machine Learning and Statistical Analysis
- Game Theory
- Processor Design and Computer Architecture
- Application of Number Theory in Cryptography

SPORT PROGRAMMING

- Indian Team Member in **International Olympiad in Informatics (IOI) 2012**
- My team (team Angle) **ranked 9th in ICPC regionals Amritapuri**, best in IIT Delhi.
- Codechef handle : knsn1994
- TopCoder handle : knsn1994

AWARDS AND ACHIEVEMENTS

JULY 2012	International Physics Olympiad 2012 Silver Award
MAY 2012	Asian Physics Olympiad 2012 Silver Award
2011	Indian National Mathematics Olympiad 2011 All India First Position
FEB 2013	Institute Silver Medal for Academic Excellence Given for obtaining highest CPI at IIT Delhi
MAY 2012	IIT-JEE 2012 All India Rank 18 Got 18th rank among more than 500,000 students
SEP 2012	Aditya Birla Scholarship 2012 Given only to 15 engineering students all India
SEP 2012	OP Jindal Engineering and Management Scholarship 2012 Given to one student of each Year
2011	KVPY Scholarship 2011 Scholarship given for encouraging science students
MAY 2012	AIEEE 2012 All India Rank 19 Got 19th position among over 1 million students.

EDUCATION

2013 – PRESENT **Bachelor of Technology**
COMPUTER SCIENCE
Indian Institute of Technology Delhi
CPI: 9.56

SOME COURSES UNDERTAKEN AT IIT DELHI

PRESENT	Discrete Mathematical Structures <i>Prof. Ragesh Jaiswal</i>
PRESENT	Combinatorics <i>Prof. Amitabha Tripathi</i>
PRESENT	Computer Architecture <i>Prof. Smruti Ranjan Sarangi</i> >Made an Assembly Emulator
PRESENT	Design Practices in Computer Science >Made a 3D bike race game using OpenGL >Working on simulation of a Social Network.
PRESENT	Digital Electronics Circuits <i>Prof. G.S. Visweswaran</i>
JAN-APR '13	Data Structures <i>Prof. Amit Kumar</i>

DESIGNING AND CODING SKILLS

Extensive	PYTHON, C++
Intermediate	HTML5, CSS3, JAVASCRIPT, C PHP, L ^A T _E X, JAVA, SQL, BASH, NUMPY
Basic	DJANGO FRAMEWORK, APPLE SCRIPT STANDARD ML, BASIC, PERL

COMMUNITY INVOLVEMENT

- Representative at ACES (Association of Computer Engineers, IIT Delhi)
- Class Convener at IIT Delhi

OTHER INTERESTS

- I have keen interest in human psychology and philosophy. I also write a blog: Phyrtyders.
- I love to play Guitar and Synth.