SHRINU KUSHAGRA

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KHARAGPUR, INDIA

ACADEMEIC PROFILE

Year	Degree/Certificate	Institute / School	Marks Obtained
2007-Present	B.Tech in Computer Science and Engineering	Indian Institute of Technology , Kharagpur	CGPA : 8.16 (out of 10)
2007	Senior Secondary(12th)	Central Academy ,Kota	86.60%
2005	CBSE (10th)	Delhi Public School, Patna	91.00%

ACADEMIC ACHIEVEMENTS

- Secured an ALL INDIA rank of 402 among approx 300,000 (a percentile of 99.86%) students in Joint Entrance Examination (JEE)-2007.
- Secured an ALL INDIA rank of 35 among approx 600,000 (a percentile of 99.99%) students in the All India Engineering Entrance Examination (AIEEE)-2007.
- Selected for the final round of OVERNITE ,the ACM certified programming contest organised by KSHITIJ (the annual techno-manegemnt fest of IIT KHARAGPUR)
- Secured an ALL INDIA rank of 85 and STATE rank of 4 in NATIONAL SCIENCE OLYMPIAD in class 9th during the year 2004.

SKILLS

- Programming languages: C, Java, Python, Verilog
- Web Designing Languages : HTML, PHP, JavaScript, Ajax
- Software : Matlab, Latex, Netbeans, Eclipse
- Operating Systems : Windows, Linux

SCHOLARSHIPS

- Receiving a yearly scholarship of Rs.12000 (approx 240 US dollars) from CBSE
- Selected among top 30 students in the JAGDISH BOSE NATIONAL SCIENCE TALENT SEARCH (JBNSTS) examination 2007.

PROJECTS

Guide: Prof. Rajib Mall and Mr. Najumudheen (Dept of Computer Science & Engineering)

TOPIC	Analysis and Testing of Object Oriented Programs
WORK DONE	• Testing the features of a program. • Dynamic and Static Java Byte Code Instrumentation.

Organisation: INNOPARK (SUMMER INTERNSHIP)

TOPIC	Offline Job Handling
WORK DONE	• Developed a Data Extractor for Mailing and Offline Job Handling used to reduce the server load.

Guide: Prof. Dipankar Sarkar (Dept of Computer Science & Engineering)

TOPIC	Validating Compiler Transformations using Multiway Decision Graphs (MDG)
WORK DONE	• Converted a simple C program (containing only integer and float variables, if-else ,for and while loops) into its flow chart.

Guide: Prof. Niloy Ganguly (Dept of Computer Science & Engineering)

TOPIC	Emergence of Super Peer Networks
WORK DONE	• Simulation of P2P network for addition, deletion of nodes. • Study of its properties under various constraints.

EXTRA CURRICULARS

- Played in the National Under-14 Chess Championship and represented my state (Bihar).
- Junior Diploma from Prayag Sangit Samiti, Allahabad as a Tabla Player.
- Captain Chess Team (AZAD HALL OF RESIDENCE)
- Member of INTER HALL bridge and table tennis teams of AZAD HALL.