

# RAJBIR SINGH

Computer Science and Engineering

Indian Institute of Technology, Patna

UG 5<sup>th</sup> Sem. (B. Tech)

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## Educational Qualifications

	BATCH
Indian Institute of Technology, Patna, Bihar	2013-17
B. Tech in Computer Science and Engineering (CPI: 9.23/10 till 4 <sup>th</sup> Semester)	
St. Mary's Senior Secondary School, Gurdaspur, Punjab	2013
All India Senior School Certificate Examination, CBSE (Percentage: 94%)	
R.D. Khosla D.A.V. Model Senior Secondary School, Batala, Punjab	2011
All India Senior School Certificate Examination, CBSE (CGPA: 10)	

## Projects Undertaken/Ongoing:

- **Implemented 4-bit CPU** (Jan 2015 - April 2015)
  - Implemented AND, OR, NOT, LOAD, STORE operations
  - Project was in a team of 3 under the guidance of Dr. Somanath Tripathy
- **Worked on IIT PATNA Automation System Project** (Jan 2015 - April 2015)
  - The Project was under the guidance of Dr. Samrat Mondal (Assis. Professor IIT Patna)
  - Worked on front-end(HTML5,CSS) and backend(Django(Python)) of project
  - To automate the process of booking class room in main building of IIT Patna
- **6- week Android Training at Centre for Development of Advanced Computing(CDAC), Mohali** (June 2015 - July 2015)
  - Worked on a Women Security Application
  - Primary aim of Application is to help women when they feel themselves in danger.
  - Women can add two mobile numbers in database
  - Message will be sent to these numbers on a single click along with their current GPS location

## Technical Skills and Knowledge:

- Programming Languages: Java , C, C++
- Web Development Languages: HTML, CSS, Django(Python), Javascript
- Database Languages: MySQL , SQLite3
- Used Bootstrap for my IIT Patna Automation System Project
- Operating System: Windows, Ubuntu
- Experience in making Android applications

## Technical Interests and Activities:

- Data Structures and Algorithms
- Got AIR 76 in 1<sup>st</sup> round of TCS Codevita 2015 with Titas Nandi(Team Member) (August 2015)
- Ranked **103 globally** in February Lunch Time, 2015 at Codechef. ([www.codechef.com/rankings/LTIME21](http://www.codechef.com/rankings/LTIME21))
- Participating in coding events held on Codechef .
- Organiser of Event "**Mindbenders**" held on Anwesha(Techno-Cultural Fest of IIT Patna)
  - Designed questions for the event
  - One of the most popular event of NJACK(Not Just Another Computer Science Klub)

## Relevant Courses

Software Eng.    Digital Design    Algorithms and Data Structures    Discrete Mathematics    Comp. Architecture

