

# ALOK PATWAL

BTech, Computer Science and Engineering

[Indian Institute of Technology, Patna](#)

3<sup>rd</sup> year undergraduate (2013-2017)

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**Current CGPA= 7.73/10**

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India

## Scholastic Achievements and Education:-

EXAMINATION	PASSING YEAR	SCHOOL	BOARD	PERCENTAGE/ CGPA
SECONDARY	2010	ARMY PUBLIC SCHOOL, BAREILLY	CBSE	10 (CGPA)
SENIOR SECONDARY	2012	WOODROW SCHOOL, BAREILLY	CBSE	89 (PERCENTAGE)

- Won numerous meritorious prizes and certificates in the school career for academic excellence. Stood first in almost all the examinations taken.
- Won the award for the best debater, best speaker, best poem reciter and best story teller more than a dozen times. Represented the school at various Inter-Army School competitions including debating and quizzing.
- Obtained 75% marks in [National Mathematics Olympiad](#) in the 4<sup>th</sup> grade, and 80% marks in National Science Olympiad in the 9<sup>th</sup> grade.
- Secured first rank in [International Informatics Olympiad](#) 2006 (an examination based on computer science) organized by [Silver Zone](#).
- Obtained a perfect CGPA of 10 in the 10th board exams, and the highest score in Mathematics in the country.
- Secured an AIR of 3597 in the IIT JEE (Advanced) 2013.
- Participated in a workshop conducted on network management and ethical hacking by [Netcamp](#) in IIT Patna.
- Literary sub-coordinator at the annual techno-cultural fest of the college - [Anweshha](#). Organised the event- "The Kwiz Wiz." Designed the problems and wrote literary pieces for the college magazine and websites.
- Helped organize a couple of events during [Celesta](#) 2013 and 2014 as well as [Anweshha](#) 2013.

- Participated and won in *6 Thinking Hats* (a competition where a problem statement is given on the spot and the participant has to come up with their solution) and *Vendre* (a competition where a drama advertising the given product has to be performed on the spot followed by another round where a presentation has to be given, elucidating the marketing scheme for a product in a shifted time scenario).
- Awarded the “Best speaker award” in a [debate-cum-GD competition](#) (Topic: “Would women empowerment lead to social development?”) held on the eve of International Women’s day in the college.
- Participated in *ByteRace*, a coding competition in Celesta.
- An active participant in [HackerRank](#) (an online site for coding competition and challenges) and has solved tons of problems on the site.
- A regular user of *Quora*.

### **Skills:-**

- Skilled at C, C++, Java, C# (basic) and Python (basic).
- Knows PHP, HTML 5, CSS and SQL.
- Comfortable with Windows, Ubuntu and Mac-OS.
- Thorough knowledge of basic computer software like Microsoft Word, Microsoft Excel and Microsoft PowerPoint.
- A decent typing speed of 47 words per minute.
- Knows and speaks American English apart from Hindi and has a sound vocabulary and knowledge of phonetics.

### **Projects undertaken:-**

- Implemented the complete Quine-McCluskey algorithm in Java under the guidance of Mr Samrat Mondal (Assistant Professor, Computer Science Department, IIT Patna).
- A member of the team which developed an app (called College Connect) which was akin to a social networking site for the college students and faculty.

### **Non-scholastic honors:-**

- A talented singer and actor. Performed in the college’s street play on 15<sup>th</sup> of August, 2013.
- Dubbed in English for the movie “[GREED-A desire that never ends](#)” and acted in a movie yet to be released.
- A competent drummer.
- A good swimmer and athlete; Can swim a 100 meters in 80 seconds, clock 15 seconds in a 100-meter sprint, and do 5 meters in long-jumping.