

Prateek Mohanty

PERSONAL DETAILS

B.Tech THIRD YEAR
COMPUTER SCIENCE AND ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY PATNA
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EDUCATION

EXPECTED MAY 2017	B.Tech in COMPUTER SCIENCE AND ENGINEERING, Indian Institute of Technology Patna CPI : 8.62/10(till IV semester)
MAY 2013	INTERMEDIATE from Narayana Junior College Percentage : 97.6%
MAY 2011	MATRICULATION from Delhi Public School CGPA : 10/10

ACADEMIC PROJECTS

JAN-MAR 2015	<i>Hostel Room Allocation System</i> Guide: Dr.Samrat Mondal,Department of Computer Science and Engineering,IIT Patna This is a web based application which allows the students to choose their Hostel rooms according to their preference and room will be allocated based on an algorithm.This application was developed on Django framework.My work includes <ul style="list-style-type: none">• Designed the algorithm for the allocation of the rooms.• Detailed study of the Django framework documentation.• Designed and implemented the complete backend part of this project on Django framework and frontend using HTML5, CSS, JavaScript.
FEB-APR 2015	<i>E-Voting</i> Guide: Dr.Samrat Mondal,Department of Computer Science and Engineering,IIT Patna This is a web based application for the students of IIT Patna to elect their representatives for the Hostel Elections.My work includes <ul style="list-style-type: none">• Designed the complete E-Voting system and then implemented the backend in Django framework and frontend using HTML5,JavaScript,CSS.• Learnt how to setup a SMTP sever and send mails for verification purpose• Added security features to make the system as much secure as possible.

ACADEMIC ACHIEVEMENTS

- Secured All India Rank 3957 in JEE(Advanced) 2013 among 1.5 lakh students from all over the nation
- Secured All India Rank 1586 in JEE(Mains) 2013 among 12 lakh students who appeared for the test

- Secured a State Rank of 319 in EAMCET(2013) among 3.5 lakh students from all over Andhra Pradesh and Telangana

RELEVANT COURSES

- **Computer Science** : Object Oriented Programming,Data Structure and Algorithms, Discrete Maths,Digital Design,Computer Architecture,System Programming,Software Engineering,Programming Languages*,Formal Language and Automata*,Operating Systems*,Databases*,Data Communication*.
- **Mathematics** : Probability Theory,Differential Equations,Optimization,Linear Algebra.
* to be completed by Dec 2015

AREAS OF INTEREST

- Object Oriented Programming
- Data Structure and Algorithms
- Software Development

TECHNICAL SKILLS

- Programming Languages : C,C++,Java,Python,PHP,MySQL,JavaScript ,HTML 5,CSS, MIPS(Assembly Language).
- Web Frameworks : Django.
- Software Packages : NetBeans,Eclipse.
- Platforms : Linux,Windows.