

Prashant Sankhla

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3rd year B.Tech student in Mathematics and Computing,
Indian Institute of Technology Guwahati, India
D.O.B : 15/01/1993



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ACADEMIC DETAILS

Indian Institute of Technology Guwahati, India

B.Tech in Mathematics & Computing

(2011 to present)

- GPA : 6.49/10 (at the end of 5th semester)
- Main Interest** : Networks, Database, Operating System

Schooling

Class	Year	Board	School	Marks
XII	09-10	R.B.S.E	Shiv Jyoti Senior Sec. School Kota, Rajasthan	85.54%
X	07-08	R.B.S.E	Bal Vidhyalaya Kota, Rajasthan	77.67%

WORK EXPERIENCE

Moon Micro System

Jaipur, India

(May 2013 – June 2013)

Developed "**CLIENT MANAGEMENT SYSTEM**", A online software using HTML4.0 , CSS/CSS3 , JAVASCRIPT , JQUERY , AJAX , PHP5.2 , MYSQL5.3 .

ACADEMIC EXPERIENCE

Laboratory Project

Monte Carlo Simulation
(Code Implemented in **R language**)

Project Guide: Arbin kumar Dey, Assistant Professor IITG
January – April 2013.

- This involved Generation of uniform random numbers, normally distributed random variables (using Box-Muller, Marsaglia method) and correlated random variables .
- Low discrepancy numbers were generated using Monte Carlo integration along with observing and simulating the pattern Of Brownian Motion and their distributions using GNU plot .

SKILLS

- Programming Languages : C, C++, SQL/MYSQL, HTML, PHP , R
- Web Technologies: JavaScript, JQuery, CSS, AJAX , JSON
- Servers/Packages : Matlab, Xampp, Latex
- Operating Systems : Window: XP/Win7 /Win8, Ubuntu

EXTRA-CURRICULAR ACTIVITIES/Award & Achievements

- Scholarship awarded by **IIT Guwahati**, Merit –Cum-Means (**MCM**), Year 2011-2012.
- Scored 94/100 marks in mathematics in RBSE board exams in class 10th and
- Scored 145/150 marks in mathematics in RBSE board exams in class 12th .
- Scored 143/150 marks in physics in RBSE board exams in class 12th .
- Passed the 53th and 54th Annual All India General Knowledge Test conducted by the All India Board of General Knowledge Test .

Relevant Course(in B.Tech)-Up to 5th Semester

Operating Systems, Scientific Computing, Stochastic Calculus for Finance, Data Communications, Computer Organization and Architecture, Digital Design, Data structure and Algorithms, Object-Oriented Programming, Modern algebra , Monte-Carlo Simulations, Financial Engineering-1, Probability and random processes, Discrete Mathematics, Linear Algebra , Combinatorics and Graph Theory , Set theory , Number theory , Analysis of ODE's and PDE's, Real analysis with application of measure , Numerical Analysis of PDE's .

Position of Responsibility(in B.tech)

- Active Member of **MATRIX** (Association of Mathematics and Computing students of IIT Guwahati) since 2011.