

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 4th 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.