

VISHAL SHARMA

Discipline: B.Tech.

Branch: Computer Science and Engg.

MNNIT Allahabad

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Motilal Nehru National Institute of Technology

Allahabad, India

Career Objective: "To Gain As Much Knowledge As Possible And Apply It In The Best Ethical Manner By Innovating new ideas to provide services"

ACADEMIC PERFORMANCE

B.Tech- Computer Science and Engg. Engineering
Institute: MNNIT, Allahabad

Semester	University	S.P.I	Year
<i>VII Semester</i>	<i>MNNIT</i>	<i>8.74</i>	<i>2015</i>
<i>VI Semester</i>	<i>MNNIT</i>	<i>8.48</i>	<i>2015</i>
<i>V Semester</i>	<i>MNNIT</i>	<i>8.36</i>	<i>2014</i>
<i>IV Semester</i>	<i>MNNIT</i>	<i>9.27</i>	<i>2014</i>
<i>III Semester</i>	<i>MNNIT</i>	<i>9.4</i>	<i>2013</i>
<i>II Semester</i>	<i>MNNIT</i>	<i>8.92</i>	<i>2013</i>
<i>I Semester</i>	<i>MNNIT</i>	<i>9.67</i>	<i>2012</i>

C.P.I up to VII Semester on a scale of 10: **8.96**

School Level

Class	School	Year	Percentage
XII (CBSE Board)	Maria Assumpta Convent School,Kashipur	2012	95%
X (CBSE Board)	Maria Assumpta Convent School,Kashipur	2010	92%

AREAS OF INTEREST

- Algorithms, Data Structures
- Programming Competitions
- Web development

COMPUTER SKILLS

- Operating Systems fluent in : Windows (XP, 7, 8.1), Linux (especially Ubuntu), Mac OS (Yosemite)
- Languages : C++, C , Python , Shell , JavaScript

ACHIEVEMENTS/AWARDS IN TECHNICAL ACTIVITIES

- Selected and represented college in ACM-ICPC 2013 Kharagpur regionals.
- Selected and represented college in ACM-ICPC 2015 Kolkata regionals.
- Ranked 5 in online Minesweeper 2 coding contest at hackerearth.com.
- Ranked 7 in JDA Hackathon organized on hackerearth.com.
- Ranked 23 in ACM-Asian Programming Contest conducted by IIT-Delhi.
- Purple Coder in codeforces.com(highest rating 1821) username : VishalTheBEAST
- Qualified in IIT-JEE (rank: 6231) in 2012.
- Qualified in AIEEE (rank: 3049) in 2012.

MOOCs AND CERTIFICATIONS

- **Machine Learning by Stanford University**
Prof Andrew Ng
The course introduced us to the machine learning techniques for ex backpropagation neural network, SVMs etc and applying it to real world data to perform tasks like spam detection, hand written digit recognition and many more classification problems.

- **Introduction to MeteorJS development by University of London**

- Dr. Matthew Yee-King**

- This course taught us the JavaScript full stack framework Meteor.js. Meteor makes all the front end and backend to be coded in JavaScript. We were given assignments of real world development tasks. Final project consisted of a social website aggregator which allowed everyone to store their favorite websites at one place and everyone can then upvote or downvote a website.

INTERSHIPS AND PROJECTS

- **Scheduling Workflow Applications in Cloud Computing Environments using Particle Swarm Optimization**
Prof KK Mishra (VII Sem Project)

- We created our own variant of PSO to find an optimal solution of allotment of tasks to the respective VMs minimizing the cost of execution and communication between nodes and also minimizing the time of execution. We used CloudSim simulator for the environment. We achieved reduced costs and better results than the standard PSO algorithm.

- **Software Engineer Internship at Directi (CodeChef Department)- Summer of 2015**

- Manager: Mr. Anup Kalbalia**

- Mentor: Mr. Abhijeet Pandey**

- We completed two projects while my internship period. First, we created a social friends grabber which fetches the friends of the user using the Facebook API and creates a set (another feature already) to compare his performance with them. Second, we changed the rating system from Elo to Glicko system to take into account the cons of the previous system and remove the inflation of ratings of the users. We also dealt with the problem of lower rated feeding the higher rated users.

- Technologies used:** PHP, JavaScript, R.

ACHIEVEMENTS/AWARDS IN CULTURAL AND EXTRA-CURRICULAR ACTIVITIES

- Participated and won prizes in debates and quizzes at inter-school levels.
- State Badminton Semi-finalist in Uttarakhand.
- Part of the college badminton team.
- NCC B-certificate holder.

OTHER ACHIEVEMENTS

- Recipient of SJVN Silver Jubilee Merit Scholarship by HIMCON for class XII percentage.
- Awarded CBSE Merit Scholarship for being in top 1% of successful candidates in AISSE.
- Ranked 150(all India) in National Cyber Olympiad organized in schools by SOF.

HOBBIES

- Playing outdoor games like cricket, football, basketball, etc.
- Quizzing
- Writing.

PERSONAL DETAILS

Nationality: Indian

Date of Birth: 17th December, 1994

Sex: Male

Fathers Name: Mr.P.K.Sharma

Occupation: Human Resource department, IGL

Mothers Name: Mrs.Kusum Sharma

Occupation: Housewife

Permanent Address: C/O Mr.P.K.Sharma

Girital, Court Road, Kashipur-244713

Permanent Contact no. +91-9690100029

I hereby declare that all the information given is correct to the best of my knowledge.

Date: 28th December, 2015

Place: Allahabad

Vishal Sharma