

Gaurav Agarwal

Pre-Final Year Undergraduate Student
Computer Science and Engineering
Indian School of Mines, Dhanbad, India
Gender- Male, Nationality- Indian

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EDUCATION

Indian School of Mines, Dhanbad

July 2013- Present

Bachelor of Technology,

Computer Science and Engineering.

□ **Current Semester: 6th** **Overall Grade Point Average (OGPA) =8.28/10** □

Relevant Coursework- □

- | | |
|---------------------------------------|-------------------------------|
| -Data Structures | -Artificial Intelligence |
| -Algorithm Design & Analysis | -Database Management System |
| -Programming Language & concepts | -Operating System & Concepts |
| -Discrete Mathematics | -Theory of Computation |
| -Computer Architecture & Organization | -Graph Theory & Combinatorics |
| -Microprocessors | -Digital Electronics |
| - Computer Networks | |

Previous-

- 10th (CBSE Board, percentage-9.4 CGPA) April 2010
- High School (B Board, percentage- 89.4%) May 2012

ACADEMIC PROJECTS

- **ALLinISM** : www.allinism.in Co-Founder and CTO.
At ALLinISM we have tried to put up all that's happening in ISM on a single platform.
Few of the things we implemented are:

- Sell out your stuff that is no more of use to you.
- Bloggers can upload their articles.
- Discussion Forums and Polls.
- Publishing Notices, Providing Free E-books and other Downloadable material.
- Event Organizers can promote their event.
- **Recommendation Systems:** Currently working on building a Recommendation System based on collaborative filtering using Vector space model.
- **K-Means Clustering:** Successfully implemented K-means clustering algorithm in C++.
- **ISM-Result-Scraper:** Scrap results between any two admission numbers from ISM Website and saving them to a file.
- **Folder Classifier:** Classify folders containing files of different types to folder with subfolders containing same type files.

SKILLS

Programming Languages: C, C++, and PYTHON.

Web Designing: HTML, CSS, PHP, Ajax.

WebDesigning Frameworks/Libraries: BootStrap, MaterializeCSS, CodeIgnitor.

Python Modules/Libraries: BeautifulSoup, Selenium, Pathlib, PyQt etc.

Scripting: JavaScript

Database: MySQL.

GitHub Profile: <https://github.com/gaurav1195>

COURSES UNDERTAKEN

- Dyanmic Web Development using Lamp, conducted by department of Computer Science and Engineering, ISM Dhanbad.
- Ethical Hacking by Ankit Fadia.

SCHOLASTIC ACHIEVEMENTS

- Secured All India Rank of 4461 in the IIT JEE examination 2013, making in top 1% of students all over India.
- First Prize in Spoken English Competition organized in Sikar District of Rajasthan.
- State Gold Medalist in Taekwon-do Championship.

HOBBIES & INTERESTS

- Tennis, Web Development, Playing Chess.