Mridul Gupta

mridul15061@iiitd.ac.in | +91-9052093617

EDUCATION

INDRAPRASTHA INSTITUTE OF INFORMATION TECHNOLOGY
B.Tech in Computer Science and Engineering
Expected May 2019 | New Delhi, India
Cum. GPA: 7.67/10.0

DELHI PRIVATE SCHOOL
All India Senior School Certificate Examination
Grad. May 2014 | Dubai, UAE
Percentage: 87.6

DELHI PRIVATE SCHOOL
All India Secondary School Examination
Grad. May 2012 | Dubai, UAE
GPA: 9.4/10.0

LINKS

Github:// **mridulg**
LinkedIn:// **mridulgupta**
Codechef:// **iammridulg**
Codeforces:// **mridul**
Medium:// **iammridulg**

COURSEWORK

UNDERGRADUATE
Data Structures and Algorithms
Algorithm Design + Practicum
Computer Organization + Practicum
Competitive Programming
System + Network Administration
Database Systems Management
Graph Theory
Discrete Mathematics
Probability and Statistics
Basic Electronics + Practicum
Unix Tools and Scripting

SKILLS

PROGRAMMING
Good Level:
Java • C • Matlab
Python • LaTeX
Intermediate:
R • C++ • Ruby • OpenCV
Assembly • Bash • Git • Vim
Familiar:
LTSpice • iOS • MySQL • PHP
HTML5 • CSS3 • Bootstrap

EXPERIENCE (PART TIME)

THE 65TH SQUARE, IIIT DELHI | Organizing Head
July 2015 – present | New Delhi, India
- Organized the college's annual Chess Tournament two years in a row.
- Participation - 500+ school/college students and 50+ FIDE Rated players.
- Also organize 50+ chess tutorials and practice matches for 75+ students.

ESYA, IIIT DELHI | Public Relations and Publicity
June 2016 – Sep 2016 | New Delhi, India
PR and Publicity Team, Esya '16 Techfest.

PROJECTS

KRON December 2016 - present | New Delhi, India
Working with Byld to create a Course Management System as a part of the Project Mentorship Program.

DBLP QUERY ENGINE October 2016 – Dec 2016 | New Delhi, India
Working with Dr. Chetan Arora to build a build a GUI search engine which retrieves required information from the DBLP dataset.

HEART RATE SENSOR USING INTEL MCS-51
October 2016 – Dec 2016 | New Delhi, India
Working with Prof. S.R.N. Reddy to create a tool which aims to measure the heart rate of a person using their fingertips.

DB CLUSTERING October 2016 – Dec 2016 | New Delhi, India
Working under the guidance of Dr. Vinayak Naik to create a Database Cluster with high availability and load balancing.

COLLABORATIVE FILTERING March 2016 - April 2016 | New Delhi
Worked under the guidance of Dr. Angshul Majumdar to implement collaborative filtering using Naïve Bayes Classification in Python.

HAND GESTURE RECOGNITION
January 2016 - April 2016 | New Delhi, India
Worked under the guidance of Dr. Alexander Fell to develop a method for American Sign Language (ASL) Recognition using OpenCV and Kinect.

AWARDS

2017	IIIT, Delhi	Winner, Technical Quiz @ Research Showcase
2017	Facebook DevC, Delhi	7th Place, Capture-the-Flag Contest
2014	DPS, Dubai	Ignited Mind and Overall Proficiency Award
2013	United Arab Emirates	Winner, S P Jain Brain Triathlon

SOCIETIES

2016 - present	@IIIT Delhi Open Source Channel, Github	Developer
2016 - present	The Lunchbox Philosophers, IIIT Delhi	Coordinator
2015 - present	The 65th Square, Chess Club, IIIT Delhi	Coordinator

EXTRA CURRICULARS AND VOLUNTEERING

2015 - present	Eco Club	Conducted Multiple Cleanliness Drives
2015 - 2016	The World Scholar's Cup	Debate Adjudicator and Runner