

Mridul Gupta

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EDUCATION

INDRAPRASTHA INSTITUTE OF INFORMATION TECHNOLOGY

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

Expected May 2019 | New Delhi, India
Cum. GPA: 7.75/10.0

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, Esys '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 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