

# Aditya Singh

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## EDUCATION

### INDRAPRASTHA INSTITUTE OF INFORMATION TECHNOLOGY

B.TECH. IN COMPUTER SCIENCE AND BIOSCIENCES

CGPA: 6.25 (Till 4th Sem)

2018-2022 | Okhla Industrial Estate, DL

### RUKMINI DEVI PUBLIC SCHOOL SCHOOL

Class 12th

Percentage: 9.02 | CBSE

2016-2018 | Pitampura, DL

Class 10th

Percentage: 9.26 | CBSE

2006-2016 | Pitampura, DL

## LINKS

Github:// [c9addy](#)

LinkedIn:// [aditya-singh-ba71a2116](#)

CodeChef:// [c9addy](#)

Instagram:// [c9addy](#)

## COURSEWORK

### UNDERGRADUATE

Data Structures and Algorithms

Advance Programming

Fundamentals of Database Systems

Data Mining

Computer Networks

Computer Architecture and Operating System

Advance Programming

## SKILLS

### PROGRAMMING

Over 5000 lines:

- C++ • Java • Python3 • Dart
- R • JavaFX

Over 1000 lines:

- C • CSS • PHP • HTML

Familiar:

- Android • MySQL

## PROJECTS

### SERVER CLIENT UDP FILE TRANSFER | SEPT 2020

Team Size - 1

- Requesting and then downloading a file from Server to Client-side by UDP using sockets.

### AUTOMATIC SRA DATA PROCESSING | FEB 2020

Team Size - 4

- Our pipeline allows a user to automate the downloading and processing of SRA data on their configured HPC using a mobile app.

### PATENT-OFFICE | APR 2020

Team Size - 5

- PatentDB is a DBMS for a patent office having multiple branches across different cities.
- The database caters to the operational needs of the patent office, such as office records, registered attorneys, employee and officer records, application records, as well as royalty agreement records.

### MULTI USER-CHAT SYSTEM | OCT 2019

Team Size - 1

- Implemented a real-time instant message board system using Linux sockets.

## EXPERIENCE

### TRIQUETRA 2019 | HANDBALL COORDINATOR

Jan 2019 – Aug 2019 | Okhla Industrial Estate, DL

Contributed as Handball Coordinator at the sports fest organised by IIIT-D, DTU and NSUT.

### ESSYA'19 | OPERATION TEAM

Jan 2019 – Aug 2019 | Okhla Industrial Estate, DL

Worked as a Volunteer in the Annual Tech fest at IIIT-D.

### ODYSSEY'19 | OPERATION TEAM

Nov 2018 – Jan 2019 | Okhla Industrial Estate, DL

Worked as a Volunteer in the Annual Cultural fest at IIIT-D.

## AWARDS AND ACHIEVEMENTS

2018	Captain	College Handball Team Captain
2019	Coordinator	College Handball Coordinator
2020	302 <sup>th</sup>	CodeChef October Long Challenge 2020
2020	114 <sup>th</sup>	CodeChef December Long Challenge 2020