

# Arnab Ghosh

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## LINKS

Github:// [garnab27](#)  
LinkedIn:// [arnabghosh](#)  
Quora:// [Arnab-Ghosh](#)

## COURSEWORK

### UNDERGRADUATE

Data Structures and Algorithms  
Theory of Computation  
Object Oriented Programming  
Discrete Mathematics

## SKILLS

### PROGRAMMING

C • C++  
Python •  $\text{\LaTeX}$   
Operating Systems:  
Windows • Linux  
Familiar:  
Android • MySQL • Matlab

## COMPETITIVE

## PROGRAMMING

**Codeforces** : Max Rating - 1510  
**Hackerrank** : Max Rating - 1750

## EDUCATION

### IIT(ISM) DHANBAD

#### B.TECH IN COMPUTER SCIENCE

Expected May 2019 | Dhanbad, India  
GPA: 9.40 / 10.0  
Updated till May, 2017

### KENDRIYA VIDYALAYA

Class 12th May 2014 | New Delhi, India  
Percentage: 94.80%  
Class 10th May 2012 | New Delhi, India  
CGPA: 10.0

## EXPERIENCE

### AIRPORTS AUTHORITY OF INDIA | SUMMER TRAINEE

May 2017 – Jun 2017 | Kolkata, India

- Received introduction to CNS and various departments under it.
- Observed in real time each equipment's function.

## PROJECT

All projects are available on Github

### IMPLEMENTATION OF DECAR ALGORITHM | DR. A.TARACHAND

Jan 2017 – May 2017

Worked with B. Siddhartha and Dr. Amgoth Tarachand in implementing the DECAR algorithm for WSNs. This algorithm is used for selecting cluster heads and their size so as to increase the life of the heads. Python was used for development complete with sample graphic map.

**Status** : Completed

Link : <https://github.com/garnab27/DECAR-Algorithm>

### TIME TRACKER APP

Developed a basic time tracker app to record daily activity. It includes option to add new events. SQLite Database is used for storage and retrieval of data.

**Status** : On-going

Link : <https://github.com/garnab27/TimeTracker-app>

## ACHIEVEMENTS

2015	National	Obtained rank 5137 in JEE Advanced
2014	top 1.5%	Class 12th in KVS
2012	National	Class 10th
2010	Regional	National Cyber Olympiad