

# DIPTAYAN BISWAS

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Profile Links : [GitHub](#) | [Codeforces](#) | [Codechef](#) | [LinkedIn](#)

## EDUCATION

### KALYANI GOVERNMENT ENGINEERING COLLEGE

Bachelor of Technology in Computer Science | CGPA:8.55/10.0

*Kalyani, West Bengal*

*2017 – 2021*

### KENDRIYA VIDYALAYA NO.2 ISHAPORE

CBSE Board | AISSCE (CLASS 12) | Score: 90.8%

*Ishapore, West Bengal*

*May 2015 – Jul 2017*

CBSE Board | AISSE (CLASS 10) | CGPA: 10.0/10.0

*March 2015*

## EXPERIENCE

### GEEKSFORGEES : Technical Content Writer Intern | [Certificate](#)

*Aug 2019 – Jan 2020*

Created problem statements on Data Structures and Algorithms, provided proper explanation for them along with the respective code in any programming language.

## TECHNICAL SKILLS AND CERTIFICATIONS

**Experienced :** Data Structures, Algorithms, C++, Competitive Programming

**Familiar :** Python, Machine Learning, TkInter, HTML, CSS

**Certification Courses :** Machine Learning by Andrew Ng | [Certificate](#) | Score: 96.90% | Coursera (Online)

## PERSONAL PROJECTS

### CODE - DEBUGGER | [Github](#) | *July 2020*

- A python GUI based application made using TkInter that takes two source codes, executes them against a common input and compares their stdout output.
- Currently the supported languages are CPP, Python3 and Java.

### SORTING ALGORITHM VISUALIZER | [Github](#) | *June 2020*

- A python GUI based application made using TkInter that can be used to visualize different sorting algorithms.
- The algorithms include Bubble Sort, Merge Sort, Selection Sort, Insertion Sort and Quick sort.

### CANCER CLASSIFICATION | [Github](#) | *Nov 2019*

- A simple machine learning model to classify whether a cancer is benign or malignant.
- To achieve this, Random Forest Algorithm has been used.

## POSITIONS OF RESPONSIBILITIES

- Member of KeyGEnCoders (Codechef Campus Chapter and coding club of the college).
- Problem setter at [Ignition 3.0](#), university level coding competition, organized by KeyGEnCoders.
- Volunteered for teaching Data Structures and Algorithms to juniors.

## ACHIEVEMENTS

- Highest rating of 1759 (expert) at codeforces, which is among **top 2%** of Indian coders at [Codeforces](#).
- Highest rating of 2210(6\*) at codechef, which is among **top 1%** of Indian coders at [Codechef](#).
- Secured global rank of **384 out of 8000+** participants in Google Kickstart Round G 2020 (Handle : diptayan).
- Secured global rank of **688 out of 14830** participants in Codeforces Round #635(Div2).
- Secured global rank of **684 out of 11640** participants in AtCoder Beginner Contest 174 (Handle : diptayan).
- Secured global rank of **5 out of 1700+** participants in Data Structures and Algorithms Contest, Hackerearth .
- Solved **1150+ problems** on different coding platforms such as Codechef, Codeforces and Leetcode.