

# Arnab Sinha

Student | Machine Learning and  
Artificial Intelligence Developer

A hard-working and inquisitive person keen to learn, discuss and implement my core skills to build towards the future and make this world a better and smart place



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## EDUCATION

### B. Tech in Computer Science Engineering

The LNM Institute of Information Technology

06/2017 – Present

9.68/10.00 CGPA ( Till Semester III )

#### Courses

- Image Processing
- Data Structures and Algorithms
- Computer Networks
- Data Structures and Algorithms
- Operating Systems
- Design and Analysis of Algorithms
- Database Management
- Probability and Statistics

### Higher Secondary Education

Apeejay School, Navi Mumbai

06/2015 – 05/2017

94.6%

### Secondary Education

St. Mary's ICSE School, Navi Mumbai

06/2001 – 05/2015

96.5%

### Primary Education

St. Mary's ICSE School, Navi Mumbai

06/2001 – 05/2015

## ORGANIZATIONS

### InterMedia (05/2019 – Present)

Technical lead of Intermedia, an Interdisciplinary Research Group at LNMIIT, motivated to conduct projects in the domain of multimedia processing.

### CybroS - The Computer Club, LNMIIT

(09/2017 – Present)

Sub-coordinator of Machine Learning Division. Help to organize talks and hold contests to promote the upcoming field of Machine Learning

### PyJaipur (11/2018 – Present)

Member of the Python community of Jaipur and open source contributor for Pyjudge, a project under PyJaipur.

### ACM Student Chapter (10/2018 – Present)

General Council Member at ACM – LNMIIT Student Chapter.

## SKILLS

Machine Learning

Artificial Intelligence

Image Processing

Web Development

Algorithms

Abacus

Creativity

Teamwork

## PROJECTS

### IEEE Agribot (04/2019 – Present)

- Aim to build a chat-bot to help farmers in disease detection, weed detection, soil, crop and water management.
- Implementation involves Image processing and Artificial Intelligence techniques

### Kidney Stone Detection using Image Processing

(03/2019 – 04/2019)

- Used Image processing to enhance ultrasound images and segment out the kidney stone

### Optimization of Traffic Signals in Smart Cities

(11/2018 – 12/2018)

- Developed a MATLAB code to optimize traffic signal timings, in a four-cross junction, using optimization techniques

## CERTIFICATES

### Introduction to Programming using Python

### Programming for Everybody( Getting Started with Python )

### Machine Learning ( Stanford University )

### Certificate of Appreciation

Certificate for completing 100DaysofCode, a challenge held under PyJaipur

## ACHIEVEMENTS

### Merit Scholarship

Received scholarship of Rs. 25,000 for obtaining 9.5+ CGPA in fourth semester

## LANGUAGES

English

Native or Bilingual Proficiency

Hindi

Professional Working Proficiency

## INTERESTS

Acoustic Guitar

Painting

Cricket

Singing