

# Surya Saini

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## EDUCATION

### INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE

BTECH. IN ELECTRONICS AND COMMUNICATION

Sophomore

Cum. GPA: 8.592

### ARMY PUBLIC SCHOOL, AMBALA CANTT.

Grad. May 2016 | Ambala, Haryana

CBSE Board Percent: 97.8

### ARMY PUBLIC SCHOOL, AMBALA CANTT.

Grad. May 2014 | Ambala, Haryana

CBSE Board CGPA: 10

## LINKS

Github:// [Dragneel7](#)

LinkedIn:// [surya-saini-1338b914a](#)

Kaggle:// [dragneel7](#)

## COURSEWORK

### UNDERGRADUATE

Object Oriented Programming

Digital Logic Design

Data Structures

Computer Architecture

Computer Vision

Signals and Systems

Principles of Digital Communication

## SKILLS

### PROGRAMMING

Java • C++ • Unix • JavaScript • Python •

LaTeX

### WEB

Django • DjangoRestFramework •

Angular5 • ReactNative • HTML5 •

CSS3 • PHP

### OPENSOURCE

Aima-Code • FossAsia • Oppia

## PROJECTS

### INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE | SAVETHECLASH | MICROSOFT CODE.FUN.DO 2018

- Hack for good to help the visually impaired by providing them a digital vision that informs them of objects approaching in their personal space helping them prevent collisions and a search view to look for objects.

### XENA | THE SMART CITY APP

- An app promoting digital India that aims at providing a common platform to all the users where they can share their work and can rate one another.
- The rating is converted to points which can be redeemed for goods.
- The vision was to make citizen more aware and try to engage them in activities that would benefit the society as a whole.

### PREDICTX | OPENAI HACKATHON

- An AI predicting the scores of a student in an examination and providing them with suggestion to improve their scores.
- Suggests the college they can choose given their scores.

### RTOGRAPH | INFORMATION MANAGEMENT GROUP

- The app is a illustrative wiki of the IIT Roorkee having all the information in the same place, with live updates of events.
- Search for places, people and also for places on the basis of the functionality of the place.

### GRAPH BASED CNN | PROJECT UNDER PROF. BIPLAP BANERJEE

- The aim of the project was to extend the CNN's to non euclidean for image classification using Graph Laplacian techniques.

## POSITION OF RESPONSIBILITIES

### HUB-COORDINATOR | INFORMATION MANAGEMENT GROUP

- IMG is a college group that aims to solve daily student problems using our technological "know hows" and maintains the internet and intranet activities of the Institute.

### DESIGNER | KSHITIJ

- Kshitij is the only cultural magazine of IIT Roorkee that works with an aim to promote cultural activities via literature.

## AWARDS

2016 AIR 3031 in JEE Advanced

2016 AIR 99 in JEE Mains

2016 AIR 618 in KVPY

2016 National top 1 percent in Physics, Chemistry and Astronomy Olympiads

2016 Selected for NSO Table Tennis

2014 Silver Medalist in Zonal Badminton Tournament