

Anshul Raj

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Contact Information

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Education

Indraprastha Institute of Information Technology

B.Tech (CSE) 2018 – Present

CGPA:

7.29

Lal Bahadur Shastri School, Delhi

CBSE

2016 – 2018

Percentage:

84%

Gowtham International School, Vijayawada, Telangana

CBSE

2011 – 2016

CGPA:

10

Skills

Expertise Area

Competitive Programming, DSA

Programming Language

Python, Java

Tools and Technologies

Fusion 360, JavaFX Scene Builder, MySQL Workstation, MIT App Inventor
Django, JavaFX, Junit, PyGame.

Technical Electives

Data structures and algorithms, Analysis and Design of algorithms,
Introduction to engineering design, Advanced Programming, Database
Management, Machine Learning, Computer Networks, Data Mining,
Foundation of computer security, Theory of computation, Computer Vision.

Projects

Rain Prediction using Machine Learning [[Github](#)]

Guide: Jainendra Shukla

(Fifth Semester)

Team size - 3

We used various algorithms and models to predict rain on a particular day. We used multiple training data variations to conclude the most optimal model and the training data to train such models.

Feature Extraction on MNIST using-CNN [Github] Guide: Koteswar Rao Jerripothula	(Sixth Semester) Team Size - 1
CNN for Foreground Detection,Circlization and Image segmentation on MNIST dataset made using Tensorflow, Keras and cv2.	
Portfolio Website [Github] Guide: None	Independent Project Team Size - 1
Made a portfolio website using React, SCSS, JS, HTML.	
Plants Vs Zombies in java Guide: Vivek Kumar	(Third Semester) Team Size-2
A Complete PvZ Game with options for Save Game, Pause, Up to 5 levels made using JavaFX, JavaFX SceneBuilder, and implementing Various Design Patterns.	
Cubes Guide: Syamantak Das	(4th Semester) Team Size - 2
A python program to solve a 2x2x2 Rubik's cube using the Rubik library.	

Positions of Responsibility

- Part of an event organising team in Esya'18 (17-18 Aug 2018)
- Volunteer in Esya 19 (23-24 Aug 2019)
- Team Leader for IED projects (2nd Semester)

Awards and Achievements

- [Codechef](#) (MaxRating 4* - 1890)
- [Codeforces](#) (MaxRating Specialist -1541)
- Codechef May Long Challenge - Global Rank 21, India rank 2
- Google Kickstart Round C,2020: Global Rank 2647
- Google HashCode Qualification Round,2020: Global Rank 4730
- 1 of the 5 Teams Selected for the IED project showcase
- Quarter-Finalist in Clusters in Badminton, Region: South

Interests and Hobbies

- Competitive Programming
- Tech Enthusiast
- Photo manipulation using Photoshop, Lightroom.
- Playing Badminton.
- Solving a Rubik's cube

Declaration: The above information is correct to the best of my knowledge.

Anshul Raj, Date: 06/24/2020