

# Divyansh Agarwal

WEB DEVELOPER ENTHUSIAST | THIRD YEAR UNDERGRADUATE | APPLIED MATHEMATICS

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## Education

### Indian Institute of Technology, Roorkee

INTEGRATED M.SC. IN APPLIED MATHEMATICS

- CGPA: 8.71/10

Roorkee, India

2020 - Exp. 2025

### C R Oasis Convent School

INTERMEDIATE (CLASS XII)

- Percentage: 91.40%

New Delhi, India

2019 - 2020

### St. Columbas School

MATRICULATE (CLASS X)

- Percentage: 93.00%

New Delhi, India

2017 - 2018

## Work Experience

### Newton School

SOFTWARE DEVELOPER INTERN

- Developed and maintained web applications, including developing new features on existing platforms (JavaScript, ReactJS).
- Worked with team to create new features on existing product using agile development process
- Communicated with other team members regarding project status and issues as they arise.
- Developed responsive design for web pages

Bangalore, India

May. 2022 - July. 2022

## Projects

### Rank Matrix

FULL STACK DEVELOPER | IMG IIT ROORKEE

- Web application to help all JEE Aspirants in selecting their college and branch in JoSAA Conselling. [Website Link](#)
- The application contains various different features students can use to filter the colleges/branches based on thier rank.
- Tech stack used: Django, DRF, ReactJS, MySQL, Material UI

### 29.8°N

FULL STACK DEVELOPER | IMG IIT ROORKEE

- A IIT Roorkee theme based **PC/Mobile game**.
- It is 2D multiplayer, and artillary shooting game.
- All levels, weapons, characters are based on elements from IIT Roorkee.
- Software/Tech stack used: Unity Game Engine, C#, Photon Engine

## Achievements

- 2022 **Google Summer of Code (GSoC)**, Sugar Labs
- 2021 **Top 10**, Syntax Error by SDS Labs IITR
- 2020 **All India Rank - 2222**, Joint Entrance Exam (JEE) Advanced
- 2020 **All India Rank - 3910**, Joint Entrance Exam (JEE) Mains
- 2018 **Vedant Memorial Award**, Highest Marks in Class X Maths Board

## Skills

**Computer Languages** C++, Python, Javascript, PHP, SQL, Rust, C#, HTML/CSS

**Packages** Django, Django REST Framework, ReactJS, Redux, Figma, Unity Game Engine, Godot Game Engine, Numpy, scikit-learn

**Utilities** Git, Linux Shell, SSH, Markdown, Docker, Vs Code, Vim, Jupyter Notebooks

**Languages** English, Hindi

## Extracurricular Activity

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### Information Management Group, IIT Roorkee

*Roorkee, India*

PROJECT LEADER

*March, 2021 - Present*

- Information Management Group (IIT Roorkee) is a group of passionate developers and designers who built the official management system which backs the official institute website. The group consistently strive for excellence in innovation, development and maintenance of projects spanning across fields like software, computer, and database systems incorporating the latest information technology.
- Procured skills and experience in Application and Web development. Learnt to work on a product cycle with a team of approximately 50 members.

### Academic Reinforcement Program, IIT Roorkee

*Roorkee, India*

UNDERGRADUATE TEACHING ASSISTANT

*January, 2022 - March, 2022*

- Assisted first year students with their academic endeavors and fostered healthy interaction by mentoring them.
- Mentored first year mathematics and computing branch students in course: Introduction to Programming Language C++.

## Interest

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Video Games, Badminton, Data Mining, Movies