

# RACHIT AGRAWAL

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## EDUCATION

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<b>International Institution of Information and Technology, Bangalore</b> Integrated Masters of Technology (BTech + MTech) in Computer Science and Engineering, CGPA : 3.92/4	2020 - 2025
<b>AISSCE, CBSE, Class XII</b> Delhi Public School, Navi Mumbai, 95.6%	2018 - 2020
<b>AISSE, CBSE, Class X</b> Delhi Public School, Navi Mumbai, 96.6%	2016 - 2018

## ACHIEVEMENTS

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**Dean's Merit List:** Part of the Dean's Merit List 2020-21 for academic excellence.  
**Winner of IIITB's Coding Club Hackathon 2021:** Won third prize in IIITB's Coding Club (Zense) Hackathon 2021. [\[Project Link\]](#)

## PROJECTS

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- **Android App to Maintain Daily Expenses** [\[Project Link\]](#)
  - An android app that stores each of the daily expenses and analyses and plots a graph for the expenses over a chosen period of time.
  - Developed using Android Studio with Java and Room for storing data in an SQLite database.
- **Python project for Simulating Corona Pandemic** [\[Project Link\]](#)
  - A group project in Python language for simulating the effect of Corona pandemic. My contribution involved simulating the Corona pandemic on basis of several input parameters using SciPy library in Python.

### Open Source Contributions

- **CircuitVerse** [\[GitHub Link\]](#)
  - CircuitVerse is a free, open-source platform which allows users to construct digital logic circuits online.
  - Currently working on two new features for the platform and have fixed an issue before-
    - \* Add an option which enables the mentors to publish the grades of assignments of students along with integrating it with LMS (Learning Management System). [\[Pull Request Link\]](#)
    - \* Add a Report an issue / Suggest a feature option to the platform similar to the one which already exists in the CircuitVerse simulator. [\[Pull Request Link\]](#)
    - \* Fixed an issue where line breaks were not being saved in the descriptions of projects or assignments. [\[Pull Request Link\]](#)
  - Languages Used - Ruby on Rails, HTML, CSS and Javascript

## PROGRAMMING SKILLS

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<b>Programming Languages</b>	C, C++, Python, Java, Kotlin, Ruby, HTML, CSS
<b>Libraries and Software</b>	Pandas, NumPy, MySQL, LaTeX

## EXTRA-CURRICULAR ACTIVITIES

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- **Core Member of Coding Club - IIITB (Zense)**
- **Interests :**
  - Cleared Grade 2 Trinity Acoustic Guitar Exam
  - Cleared Elementary and Intermediate Drawing Exam with **grade A and B** respectively.

## RELEVANT COURSES AND CERTIFICATIONS

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- **Python Programming with Data Science** Udemy course [\[Link\]](#)
- **Statistics for Data Science** GreatLearning course [\[Link\]](#)