

# MOHIT SINHA

B.Tech. Metallurgical & Materials Engineering  
UG(III Year II Semester)  
Contact No: +917417025281  
Email: msinha132@gmail.com  
Registration No: B.Tech./MT/15118044/2018

Indian Institute of  
Technology  
Roorkee



## Area of Interest

Algorithms, Data Structure, Object Oriented Programming, Machine Learning

## Education

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2017	B.Tech. 3rd Year	Indian Institute of Technology, Roorkee	8.261
2014	Twelfth	Christ Church Boys' School	94.6 %
2012	Tenth	Christ Church Boys' School	9.8

## Projects

- mPaathshala** | Mobile Development Group, SDS IITR 2016
- It is a light and durable app which uses Retrofit2 REST client to make study material available on device, uploaded from anywhere through a website which uses PHP to create and upload JSON file.
- EDC Website** | Entrepreneurship Development Cell, IITR 2016
- A fully functional website built using bootstrap(responsive) and backend on php to showcase our group activities. It uses neko-framework.
- Ferre** | Mobile Development Group, SDS IITR 2016
- Light and effective app for transferring all kinds of file between phone using Wi-Fi. Built using basic WifiP2pManager class to scan devices and ServerSocket class to perform transfer.
- Backpropagation Library** | Mobile Development Group, SDS IITR 2017
- A simple C++ library for implementing backpropagation algorithm in Neural Nets, which is used for applications like digit-classifier.

## Awards / Scholarships / Academic Achievements

- NTSE State level
- Appathon, Cognizance, secured 3rd place
- Problem Solving Ability Test, CBSE, scored 96%ile aggregate

## Skills

Computer languages	C,C++, Python, Java, HTML, CSS, Javascript, PHP
Software Packages	Android Studio, Django, Git, MySQL, SQLite(Android), Linux Shell
Additional Courses Taken	Introduction to Machine Learning, Udacity. Introduction to Algorithmic Machine Learning, Coursera. Data Structures Implementation, Princeton University. Introduction to Algorithms (SMA 5503), MIT OCW.
Languages Known	English (SRW) , Hindi (SRW)

## Positions of Responsibility & Extra Curriculars

- Member, Mobile Development Group, IITR** 2016-2017
- Contributed in developing Campus Buddy which has 4.6/5 rating on Google Playstore
- Associate Member, Entrepreneurship Development Cell, IITR** 2016-now
- Developed and managed websites for various events and managed the events such as Global Entrepreneurs Conclave'15
- Co-ordinator, TEDxIITRoorkee** 2017
- Pulled off the independently organized TED talk with many participants and 5 speaker.
- Executive, Thomso'15 IITR** 2015
- Managed promotion in North India and was part of team which was responsible for record footfall
- Core Team Member, Student Mentorship Program, IITR** 2017
- Played essential role in implementing the program for the first time in institute, with many Mentors and all freshers as Mentees
- Cadet, National Cadet Corps, IIT Roorkee** 2015
- Participated in various cadet activities like blood donation camp and prestigious Guard of Honor twice.

## References

### Prof. Rajat Agarwal

Professor, Department of Management Studies  
Indian Institute of Technology, Roorkee  
rajatfdm@iitr.ac.in  
9719004491

### Prof. Ramudu Meka Sai

Assistant Professor  
Indian Institute of Technology, Roorkee  
mekafmt@iitr.ac.in  
7060933840