

RAJAT BANSAL

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Address: UU-50, Pitam Pura, New Delhi- 110034



Education

IIIT Delhi B.Tech CSAM 2016 – 2020(/Present)	CGPA: 7.8 (till 4 th Semester)
Rukmini Devi Public School, Delhi CBSE 2015 – 2016	Percentage: 96.6
Rukmini Devi Public School, Delhi CBSE 2013 – 2014	CGPA: 10

Skills

Expertise Area	Data Analysis, Good at coding, ML, NLP, Statistical Modelling, Punctual, Communication Skills
Programming Language	Java, Python, Matlab, R, Latex, Linux, Basic C++ etc.
Tools and Technologies	Various text editors, MS-Office, Github All Operating Systems, RStudio, Eclipse, Jupyter Notebooks, Matlab etc.
Technical Electives	ML, NLP, Scientific Computing, Discrete Mathematics, Theory of Computation etc.

Internship

Blockchain and Selfish Mining (Research) Guide: Prof. Donghoon Chang Comparing sizes of Bitcoin and Ethereum with Hashgraph and seeing if they can be further reduced. <Name>(Rural/ Industrial/ Research) Guide: <Name> <No more than 2 Line description> <>	(05, 18 – Present) Team Size: 1 (Mon,YY – Mon,YY) Team Size<ifany>
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Projects

BRAD Guide: Group Project A bot that is based on AutoIt language and downloads all the necessary resource material as commanded by the user itself. Github: https://github.com/rajat1401	(09, 16 – 11, 16) Team Size- 3
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SCAR

Guide: Group Project

A staircase cleaning automated robot that used arduino based programming and motors to achieve the mentioned task.

(01, 17 – 04, 17)

Team Size- 4

CHAIN REACTION

Guide: Group Project

A chain reaction game in Java based on the actual Android game that uses various features and animations to enhance user experience.

(10, 17 – 12, 17)

Team Size- 2

PFISH

Guide: Group Project

A Python application that hashes all the files in a directory and sub-directories as specified by the hashing algorithm.

(12, 17 – 12, 17)

Team Size- 1

NCBS PROJECT

Guide: Group Project

Visited NCBS as a part of a Summer Internship and worked on a project that included simulating various Genetic Codes over generations to see which code wins over time (fittest of all) and used live bar graph plotting to demonstrate the results of the simulation. Factors such as Horizontal Gene transfer and robustness to errors of Translation were taken into account.

(06, 18 – 06, 18)

Team Size- 5

Positions of Responsibility

- Group Leader of SCAR (09, 16 – 11, 18)
- Doing independent research under Prof Donghoon Chang (05, 18 – Present)

Awards and Achievements

- TIME 2006 Person of the Year
- Entered state level at Spell-Bee
- Maths-97, Chemistry-98, Physics-95
- National Rank 61 in NSTSE 2013-14
- Came second at Chem Bowl organised by DPS RK Puram where 76 schools participated.

Interests and Hobbies

- Like to read
- Swimming
- Ofcourse, like to code.
- Interacting with People

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

Rajat Bansal

Date: <07> 07, 2018

