

Rajat Gupta

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EDUCATION

**MAHARAJA AGRASEN
INSTITUTE OF TECHNOLOGY**
B.TECH INFORMATION
TECHNOLOGY
Expected Aug 2019

K.V.Sainik.Vihar
PASSED MAY 2015| DELHI,
INDIA
95.6% agg.| Stream Topper

LINKS

[Github:// Rajat2712](#)

[LinkedIn:// rajat2712](#)

[Twitter://rgrgrajat1](#)

[Facebook://rgrgrajat1](#)

COURSEWORK

Machine Learning, Coursera,
Machine Learning Coding Blocks,
Android development NIELIT

UNDERGRADUATE

ONGOING
Computer Fundamentals
Algo Design and Data Structures
Database Management + Practicum
Computer Graphics + Practicum
Java Language + Practicum
Software Engg. + Practicum

TALKS

Intro to Machine
learning,MAIT,2017

SKILLS

PROGRAMMING

Over 5000 lines:
Python • Java • HTML • C •
C++

Over 1000 lines:
• CSS • MYSQL

Familiar:

• C-sharp • ADA
• Photoshop • Raspberry Pi

Tools:

• Android Studio • Ubuntu • Atom
• Git • Scrapy • Pandas • Scikit
• TensorFlow • Matplotlib • Numpy
• Keras • OpenCV • Seaborn

EXPERIENCE

Mo-Switch | Android LEAD

Sep 2016 – Till date | New Delhi, Ind

An IoT based device that can operate already existing switch using phone from anywhere in the world .

IOSD MAIT FOUNDER | MACHINE LEARNING MENTOR

Aug 2017 – Till date | New Delhi, Ind

An initiative to guide and teach students about different technologies and real life projects.

GDG - MAIT | MACHINE LEARNING MENTOR

Jan 2017 – Till date | New Delhi, Ind

Conducted various projects ,webinars and a mentor of a special interest group of machine learning under GDG MAIT.

PROJECTS

IMDB-Movie Review and sentiment analysis |NLP

Sentiment analysis using Naïve bayes and LSTM is done on IMDB dataset to check whether review is positive or negative.

Image Caption Generation |CNN & RNN

Machine learning based project to generate caption of a given image

Traffic Sign detection |CNN,Computer Vision

Machine learning based project to classify traffic sign

Live Emotion Detector | Machine Learning

Machine learning based project to detect 7 types of emotions using computer vision lib openCV

Maze Solver | Python and openCV

An openCV based application which is used to find the shortest path in theta and regular Maze and print the solution.

Paystay |Android Application

An app to book nearby Pg for college students.

EXTRA CURRICULAR

2017 Member	Microsof Student Partner
2017 Core Member	GDG-MAIT - Developer's Society of MAIT
2017 Core Member	IOSD – Technical Society
2016 Co-Ordinator	CSI-MAIT
2016 Vice-President	NGO – Leaders For Tomorrow

AWARDS

2017 Campus Champ	1 st runner-up and won 30k cash prize
2017 IICDC-16	Semifinalist and won 25k cash prize
2016 E-Yantra	Semifinalist