



# Anirudh Vyas

Systems Science Major  
Computer Science minor  
Indian Institute of Technology, Jodhpur



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github.com/theanirudhvyas

## EDUCATION

- + IIT Jodhpur/ 2013 - 2017**  
B.Tech. in Systems Science  
Cum. GPA: 7.99/10 (Till 6th Sem.)
- + High School / 2009 - 2013**  
CBSE  
10th Standard : 10/10 CGPA  
12th Standard: 91.2 %

## PROJECTS

- Automatic text Summarization using Natural Language Processing | B.Tech Project**  
August, 2016 - (Ongoing Project)
  - Made an extractive auto summarizer using text-rank algorithm.
  - Working on building an abstractive summariser
  - Plan to make an AI bot for context based summary
- Xerox Mortality Prediction Challenge**  
October, 2015 - November 2015
  - Predict the mortality rate of a patient once he/ she is admitted in the ICU using a dataset of 5,000 patients.
  - The prediction was made using various vitals of a particular patient taken at regular time intervals
  - Was in the top 5% of all participants that attempted the challenge
- Friendship Network Analysis | Course Project**  
March, 2016 - May, 2016
  - Designed a survey to collect data for making a friendship network of students.
  - Analysed the network in R to study various friendship clusters based on several parameters.
  - Studied various centrality measures and network properties such as important nodes and network density.
- Hostel Management System | Course Project**  
February, 2016 - May, 2016
  - Designed and developed a software of hostel management in universities as part of Software Engineering Course.
  - Designed the software and database architecture.
  - Used django and bootstrap.

## RELEVANT COURSES

Neural Network and Deep Learning  
Socio-Economic Networks  
Software Engineering  
Algorithm Design and Analysis  
Probability Statistics and random Processes  
Operating Systems

## EXPERIENCE

- Investnet Yodlee | Data Science Intern**  
May, 2016 - July, 2016
  - Worked in the Data Science team at Yodlee on the company's financial data to develop products that bring revenue.
  - Designed a machine learning model to predict the state and city of a customer using his financial transactional data.
  - Using Natural Language processing improved the accuracy of an existing model by 20%
  - Worked on a product that clusters customers with similar spending patterns and habits.
  - Worked on technologies like Amazon Warehouse Services(AWS), R, Hadoop, Scala, Spark and shell.
  - Automated various processes in the product pipeline using R and shell scripts
  - Developed a proof of concept on amazon Kinesis by analyzing sentiments of a twitter stream.

## SKILLS

	Familiar	Significant Experience	Proficient
R			
C / C++			
Machine Learning			
Python			
Django			

## POSITIONS OF RESPONSIBILITY

### Student Head, Counselling Service

Led a team of 25 people to organize various events and guided and counselled various students.

### Student Head, Institute Magazine

Was the editor in chief of the students' Gymkhana magazine and released 3 issues of the same in my tenure.

## ACHIEVEMENTS



### Microsoft Hackathon

Won Microsoft's (Code fun do) hackathon at the institute. Developed an app that lets users geotag music and share the same. Also developed possible revenue streams and a business model for the product