



# RAHUL CHOUDHORY

Self - Motivated, Innovative Individual and always ready to learn  
New things in challenging environment.



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NIT JALANDHAR

## SKILLS

### Programming Languages:

C/C++, Python,  
Assembly (8085, 8051)

### Others:

Linux, Django.

## Side Projects

- Twitter word Counter using flask framework.
- Game Bot using Openai gym and Universe to play Flashgames.
- Using TensorFlow to create image Classifier.
- Spellchecker using a Trie.

## Interests

Algorithms |  
Competitive Coding |  
Machine Learning | OpenAI  
| Basketball | Counter  
Strike (1.6 & GO)

## PROJECTS

### ■ Implemented Games on codeskulptor framework :

- PONG([http://www.codeskulptor.org/#user40\\_n5UkItHVQ4\\_1.py](http://www.codeskulptor.org/#user40_n5UkItHVQ4_1.py))
- MEMORY([http://www.codeskulptor.org/#user40\\_KkoVw6x5mw\\_1.py](http://www.codeskulptor.org/#user40_KkoVw6x5mw_1.py))
- SPACESHIP([http://www.codeskulptor.org/#user40\\_J7SOY6sEdx\\_3.py](http://www.codeskulptor.org/#user40_J7SOY6sEdx_3.py))

### ■ GAME BOT - Created a Game bot OpenAI's Gym library to train a bot in the Cart-Pole environment to get better over time via reinforcement learning.

### ■ TWEET SENTIMENT ANALYSER - It makes use of 2 REST APIs – Tweepy (Twitter API for Python) and TEXTBLOB(Sentiment-Analysis NLP API for Python). It rates tweets for a particular search keyword and categorizes them into positive and negative sentiments. (Currently working to make a website for the same using flask.)

## EDUCATION

### ■ NATIONAL INSTITUTE OF TECHNOLOGY , JALANDHAR

B.Tech, Instrumentation                      7.15cgpa                      expected May 2018  
And Control Engineering

### ■ ARMY PUBLIC SCHOOL (CBSE)

Class 12th	88.88 %	March 2012
Class 10th	9.4cgpa	March 2010

## MOO Courses

- Machine Learning (Stanford University) [pursuing]
- CS-50(Harvard University)
- Introduction to interactive python (RICE University)

## Additional Activities

- Competitive Programming - Ranked among top 2% on Hackerearth.
- Started a study group to motivate non CS students towards IT-sector.
- Political Debater.