

# Raghav Kapoor

COE Undergraduate, NSIT

An avid learner, programmer and love problem solving. I wish to contribute using my cerebral abilities and skills for an intellectual experience

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## WORK EXPERIENCE

### Summer Analyst (Technology) Goldman Sachs

06/2018 – 07/2018

Interned as a software analyst in the equities division at Goldman Sachs, Bangalore. | A great corporate exposure and worked on a lot of new technologies which will benefit the firm

### AI Research Intern MIDAS Labs @ IIITD

08/2018 – Present

Work with highly esteemed professors and peers on various applications of AI and deep learning and try to implement it to various multimedia applications. | Also published a paper on NLP (Mind Your Language : Abuse and Offense Detection Using Code Switched Languages) in AAAI-19 | Currently working on OpenCV and NLP based projects.

## PROJECTS / PUBLICATIONS

Mind Your Language : Abuse and Offense Detection using Code Switched Languages (07/2018 – 10/2018) [↗](#)

- PUBLISHED AS A PART OF AAAI-19 PROCEEDINGS | Awarded scholarship for the same
- In this project, we study offense and abuse detection in the code-switched pair of Hindi and English, the pair that is the most spoken.
- We apply transfer learning and make a LSTM based model for hate speech classification which model surpasses the performance shown by the current best models to establish itself as the state-of-the-art in the unexplored domain of Hinglish offensive text classification.

A-VOID (12/2017) [↗](#)

- A novel and fun filled arcade game currently hosted on the google play store world wide with 4500+ downloads and 4.7 star rating
- Made revenue through ads and in app purchases
- Ranked 63rd on google play store in category of arcade games in India in December 2017
- Made using Unity game engine and C#

UPCHAAR (03/2018) [↗](#)

- A web and android app to aggregate the various hospitals and doctors for appointment scheduling and management operations
- Qualified for SIH grand finale
- Made using android and python - Flask

BEEPS (07/2017) [↗](#)

- An unique game specially created for the visually impaired that runs on sound
- Previously hosted on beeps.tech
- Made using javascript and phaser.io

## EDUCATION

### Class X - CBSE

Amity International School, Mayur Vihar

2013

10.0 CGPA

### Class XII - CBSE

Amity International School, Mayur Vihar

2015

96.2% (School Rank 2nd)

### B.E Computer Engineering

Netaji Subhas Institute of Technology

2015 – Present

Overall - 84.03% (9.15 CGPA)  
(Department Rank 6)

## SKILLS

Natural Language Processing (NLP) Deep Learning AI

Database Management System C/ C++ C# Python

Javascript Matlab Operating Systems Java

Data Structures Algorithms MySQL OpenCV

Node.js Machine Learning Game Development

Android App Development Unity Flask Phaser.io

HTML Competitive Programming Computer graphics

## ACHIEVEMENTS

Awarded scholarship of excellence in academics from 9th to 12th class in school

Stood 2nd in school in class XIIth board exams

Indian National Astronomy Olympiad

Among top 300 students in India in INAO - 2014

Certified for proficiency in German language

Certified by Goethe Institut, Germany

ACM ICPC Regionals 2018

Qualified for Gwalior regionals in ACM ICPC 2018 | Secured best rank in college | One of the greatest competitive programming contest for college students.

Achieved 100/100 in mathematics in 3rd semester

Awarded merit scholarship in college for consecutively 2 years

For the academic year 2015-16 and 2016-17 | Secured department rank 5th, 8th, 6th, 7th in I, II, III, IV semester in college

Finalist of Smart India Hackathon - 2018

Qualified for grand finale of SIH held in Kolkata , organized by Govt. of India

Ranked 2nd in Algowls - 2017

Algorithmic challenge held at Deen Dayal Upadhyaya College, D.U

Won various cash prizes and awards at different coding competitions

Won twice in esya - IIITD tech fest | Won twice in techgig - code gladiators | high ratings at codechef, hackerrank, hackerearth

## POSITION OF RESPONSIBILITY

Senior Member of ASN - NSIT (08/2016 – Present)

Taught students at weekly classes at ASN | Increased membership count by 100%.

Organized workshop with faculty of COE department

A Research Methodology and scientific writing workshop for PhD scholars.

Problem Setter and Editoralist at Hackerearth, Hackerrank and Codechef

Problem Setter for official monthly contests | Organized competitive programming contests during the annual event of CSI - NSIT Techelon '16, '17 | Codejaam '16 on codechef - witnessed hundreds of participants globally

## INTERESTS

CODING IS MY PASSION!!