


# Karan Gupta

Programmer

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 23 Sep 1997

I am a **competitive coding enthusiast** who loves to play with algorithms and data structures. I am doing competitive programming for more than a year by regularly participating in the online contest hosted by different websites like **Codechef**, **Codeforces**, **Hackerrank**.

## Education

**2015 - 2019**      **Amity School Of Engineering & Technology**  
Bachelor of Technology (B.Tech.), Science and Engineering

**2015**      **Doon Public School**  
High School Class XII, (88%)

**2013**      **Doon Public School**  
High School Class X, (CGPA: 9.4)

## Projects

**Sep 2017**      **Cash Your Trash**  
We built a reward based system to spread awareness and encourage people to recycle their trash. We used **Convolution Neural Networks** for detecting proper segregation of trash on basis of which the user would earn credits.

**Nov 2017**      **Transcribing phone call conversation at call centre and flagging the users for using foul language**  
To transcribe phone call conversations at call centres by implementing **DeepMind's Wavenet neural network** to perform speech recognition and then passing that transcription through a profanity filter to check for foul language.

**Jun 2018 - Jul 2018**      **Java Project for Telephone Directory Management**  
**Java project** made by me along with my team for Airport Authority of India (AAI). The main objective of our project was to automate the telephone directory and make the task of adding a contact, deleting and searching a contact easy and fast

**Sep 2018 - Sep 2018**      **Fall Detection Mechanism By Application of Piezo Tiles**  
This project was made by me along with my team in an overnight **hackathon organised by Nagarro**. The project is mainly centralized on the problem faced by elderly people in our home. Many of the time they slip down accidentally in bathroom and due to age factor and fragile body they are unable to get back up and open the door of washroom.

## Experience

**Jun 2018 - Jul 2018**      **Intern at AAI**  
*Airport Authority of India (AAI)*  
I worked at Airport Authority Of India and made a fully functional project for them. The project was about **telephone directory management**. The project was very specific according to the real time problem faced by AAI employees.

## Skills

<b>C/C++</b>	<i>(Intermediate)</i>
<b>Python</b>	<i>(Intermediate)</i>
<b>Machine Learning</b>	<i>(Intermediate)</i>
<b>HTML, CSS, PHP</b>	<i>(Intermediate)</i>
<b>Java</b>	<i>(Basics)</i>

## Certificates

**Dec 2017**      **ACM-ICPC, 2017**

**Sep 2018**      **2nd Position in "Code-n-Counter 3.0" hackathon organised by Nagarro**

**Oct 2017**      **IEEE XTREME 11.0**

**Mar 2018**      **Winner of "Hack With Her" coding contest**

**Jan 2018**      **C++ Udemy Certification**

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