

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 <i>Airport Authority of India (AAI)</i> 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.
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 Skills

C/C++	(Intermediate)
Python	(Intermediate)
Machine Learning	(Intermediate)
HTML, CSS, PHP	(Intermediate)
Java	(Basics)

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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