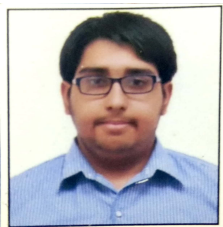# Anuj Trehan

C-45 New Krishna Park,Vikas Puri · New Delhi-18 · atrehan789@gmail.com +91 9999616069

CAREER OBJECTIVE

The main goal of my career is to help people using Artificial Intelligence and Internet as in my opinion if these two can be combined and used correctly we can create wonders.Also I believe in the power of education and have a vision to empower everyone with right type of education.

EDUCATION

Deg./Sem	Institute	University/Board	Passing year	Perc/CGPA
Semester 2	B.V.C.O.E.	G.G.S.I.P.U.	2018	9
Semester 1	B.V.C.O.E.	G.G.S.I.P.U.	2017-18	9
AISSCE	St. Cecilias̀ Public School	CBSE	2017	92.4%
10th Board	St.Cecilias̀ Public School	CBSE	2015	9.4

PROJECTS

1. Music Generation With Deep Learning:An LSTM based Seq2Seq neural network which is trained to predict the next note in a music played with piano.

2. Image Generation With Deep Learning:Vaious types of Autoencoders were used to generate images of some given kind.Includes normal and Convolutional Autoencoders.

3. Lane Detection With Computer Vision: An Pipeline was genrated wherein a video of a road is given and the lane lines are marked on the video where there are lanes.

4. Neural Style Transfer:A Convolutional Neural Network based approach wherein two images are given and the style of one image was overlayed on the other.

5. Facial Expression Recognition With Deep Learning: A Convolutional Neural Network was used to identify 7 different human Expressions based on the images of their faces used as input.

6. Playing Games With Deep Learning: A Deep Neural Network was trained to Play a game in openAI gym environment Lunar Lander.

Training and Internships

- Attended Innovicon (AI conference Held at B.V.C.O.E.): 2-3 February 2019.

- Attended Google MLCC (at B.V.C.O.E.): October 2018.

- Attended Actions On Google Workshop series (at B.V.C.O.E.): July 2018.

- Attended Deep Learning Workshops (at B.V.C.O.E.): March-April 2018.

- Took the Convolutional Neural Networks Course offered by deeplearning.ai at Coursera platform.

- Attended Machine Learning Workshops organised by DSC in B.V.C.O.E: March 2018

Research Publication

1. Null

Technical Skills

- Languages Known: C++,Python

- Opensource Libraries used: Numpy,OpenCV,Tensorflow/Keras,PyTorch,Flask

- Operating Systems Worked upon : Windows and Ubuntu

- Version Control Systems used Git

Personal Details

Father's Name:	Harish Trehan
Mother's Name:	Bhawna Trehan
Gender:	Male
Date Of Birth:	21 October 1998
Nationality:	Indian
Marital Status:	Single