ANIMESH GUPTA

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EDUCATION

THAPAR University, Patiala

B.TECH. IN Electronics and Computer   *Aug. 2019 – Present*

Cumulative Grade Point Average: 7.97/10

ACHIEVEMENTS

○ Secured Top 6.5% in JEE Mains

PROJECTS

○ **GSoC-2020 Code Challenge:** Under caMicroscope creating a server using Flask which returns red, green, and blue channels of an image separately and a client that recombines them into the original image using Lycon and NumPy. [Link]

○ **Apex ChatApp:** Realtime chat Application [Link]

○ **AI for Blind:** A neural network approach for predicting seven emotions on a person's face. The model is trained on the FER-2013 dataset. [Link]

○ **Enron Scandal:** Detecting the possibility of fraud(identify person's of interest) using a supervised machine learning algorithm pre-trained on Enron dataset. [Link]

OPEN SOURCE CONTRIBUTIONS

○ **OpenStreetMap-iD,** Helped with the user friendly interface (using Javascript,JSON).

○ **CircuitVerse,** Helped with the user interface (using HTML,CSS and JS).

○ **caMicroscope,** Helped with the minor issues (using HTML).

○ **DSC (Thapar University)-officialWebsite,** Helped with documentation and code.

TECHNICAL SKILLS

○ **Languages:** Python, C, C++

○ **Frameworks:** OpenCV, Lycon

○ **Machine Learning Frameworks:** NumPy, Scikit-Learn, Tensorflow, Tensorflowjs, Ml5.js

○ **Frontend:** HTML, CSS, Javascript, React, P5.js

RELEVANT COURSEWORK

○ **MATHEMATICS:** Linear Algebra *(Gilbert Strang's 18.06)*

○ **Computer Science:** CS230,How to use Git and Github *(Udacity)*,The Python Mega Course: Build 10 Real World Applications *(Udemy)*

○ **Courses:** Machine Learning Coursera Certificate, Neural Networks and Deep Learning Coursera Certificate, Intro to Machine Learning *(Udacity)*