

ANIMESH GUPTA

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EDUCATION

THAPAR University, Patiala
B.TECH. IN Electronics and Computer
Cumulative Grade Point Average: 7.43/10

Aug. 2019 – Present

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).
- 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*)