

Anubhav Agrawal

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EDUCATION

Bhilai Institute of Technology

CGPA: 9.0/10.0 so far

Durg

2019 – 2023 (*expected*)

Delhi Public School

Class 10: CGPA: 9.8/10.00

Class 12: Percent: 81.4%

Durg

2016 – 2017

2018 – 2019

EXPERIENCE

International Institute of Information Technology, Naya Raipur

Summer Intern

On-site

May – June 2022

- Supervised by **Dr. Shailesh Khapre**
- Worked on **Real-time Smoking and Spitting detection**
- Techniques applied - Deep learning, Data Augmentation, CNN, Transfer learning, Fine-tuning, Mixed Precision
- Tech stack - Python, Fastai, Tensorflow, OpenCV, Matplotlib

SIGNIFICANT PROJECTS

Panorama Image Stitching | Python | [GitHub](#)

- a panorama like image creator built on Python
- stitches multiple images into a single image
- independent from number of input images
- intelligently compensates for difference in lighting exposure, contrast errors
- no significant loss of image content and resolution
- can take any and all input images with some overlapping area
- Tech stack - Python, OpenCV, Numpy

Neural Style Transfer | Python | [GitHub](#)

- Implementation of paper titled "A Neural Algorithm of Artistic Style" by Gatys et al.(2015)
- Takes two images as input i.e Content image and Style image
- Generates new image by blending contents of content image in style of style image
- Tech stack - Python, Pytorch, OpenCV, Matplotlib, Numpy, Pillow

TECHNICAL SKILLS

Programming Languages: Python, C, MATLAB, C++

Libraries(Python): Fastai, Pytorch, Tensorflow, Numpy, Pandas, Scikit-learn, OpenCV, Matplotlib

Languages: Marathi (Native), Hindi (Native), English (Professional), Japanese (Conversational)

EXTRA-CURRICULARS

Programming Languages: Python, C, MATLAB, C++

Libraries(Python): Fastai, Pytorch, Tensorflow, Numpy, Pandas, Scikit-learn, OpenCV, Matplotlib

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