

# ABHISHEK KUMAR

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## Blogs:

abhi5631.blogspot.com  
machineanddata.blogspot.com  
abbhi5631.blogspot.com

## Github:

[github.com/abhising10p14](https://github.com/abhising10p14)

## Linkedin:

[linkedin.com/in/abhisingh10p14](https://linkedin.com/in/abhisingh10p14)

## Projects:

### Multiple Face Recognition

overcomes the shortcomings of  
Harrcascade models of OpenCV  
[github.com/abhising10p14/Multiple-Face-recognition-sklearn-svm](https://github.com/abhising10p14/Multiple-Face-recognition-sklearn-svm)

### Text Editor

Developed using Qt Creator  
Framework in C++.  
[github.com/abhising10p14/Texty](https://github.com/abhising10p14/Texty)

### SciCalcy

Mathematical tools for solving higher  
mathematical equation and scientific  
calculation. Developed using python  
modules.  
[github.com/abhising10p14/SciCalcy](https://github.com/abhising10p14/SciCalcy)

### Paragraph-Segmentation

Paragraph segmentation from a PDF  
document using edge detection logic  
of Image processing.  
[github.com/abhising10p14/Paragraph-Segmentation](https://github.com/abhising10p14/Paragraph-Segmentation)

## SKILLS

- PDF Mining
- Data Analysis
- Image Processing
- Machine Learning
- OpenCV
- NLP

## LANGUAGES

- Python
- C/C++
- Matlab/Octave

## EXPERIENCE

### Data Science Intern | Mar 2018 - Present Sumyag Insights LLC

Worked on pdf mining where my main role has been in the field of extracting the DataFrame, Paragraph and Column segmentation and Table extraction with statistical analysis and Machine Learning.

### ATLAS for Symmetric Matrices( Open Source )

Contributed for ATLAS, a C++ based linear algebra software.

Link: <https://github.com/abhising10p14/Symmetric-Matrix>

## Freelancing

- **Face Recognition**  
Multiple face recognition using SVM with OpenCV
- **Handwriting Recognition of Punjabi language**  
C++ based project. Used Libsvm and Knn(with different distance measure ).

## EDUCATION

### Thapar Institute of Engineering & Technology

B.E Computer Science 2015-2019  
CGPA: 8.43

### Doon Senior Secondary School

12th CBSE  
81%

### Ramakrishna Mission Vidyapith Deoghar

10th CBSE  
CGPA: 10

## CERTIFICATES

- Among the Top 20 Teams in DigitalOcean Campus Champ -2017
- Winner of Switch coding contest Oct - 2017 Saturnalia
- Winner of Reverse Coding contest Apr - 2017 CCS
- Obtained A1 in all five subjects (X Board)

## HOBBIES

- Mouth Organ
- Flute
- Sitar
- Chess