

Rishi Sharma

Deep Learning Engineer with an year of experience in Computer Vision

A city dweller who loves to travel, take part in challenging competitions, love to do projects in AI and DL. I have found that nothing satisfies me more than meeting new people, developing a new relationship, solving problems and contributing to AI Open Source Community.



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EDUCATION

Bachelor of Technology

National Institute of Technology Karnataka,
Surathkal [📍](#)

07/2017 – 07/2021

India

Courses

- Computer Science and Engineering

WORK EXPERIENCE

Machine Learning Intern

KSP Computer Wing

05/2019 – Present

Bengaluru, India

It is a Karnataka State Police Computer Department

Achievements/Tasks

- Here I'm currently working on two projects as mentioned in projects i.e. Criminal Search and Vulnerability Mapping. For this project, my mentor is a machine learning expert from IISC Bangalore. [📍](#)
- Built a fully functional website to do Criminal Image Search. [📍](#)

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Online Competition

Work from Home

10/2018 – 03/2019

It is an online computer vision competition conducted by Intel where 3000 people registered from all over India. The task was to classify images into six categories. The training dataset consists of 18k images while test dataset consists of 7k images.

Achievements/Tasks

- My Final Rank is 12th on Public Leaderboard while 7th on private leaderboard. Username:-rishi34 [📍](#)

SKILLS

Deep Learning

Computer Vision

Open CV

Mathematics

Python

Machine Learning

Image Processing

Keras

Java

Teaching

PERSONAL PROJECTS

Criminal Search (05/2019 – Present)

- A System which search image of criminal from different varieties of records and output best 'n' similar images found from records of criminal. Here records consists of millions of images of criminal about 10-15 years ago while input images were recent images.

Vulnerability Mapping (05/2019 – Present)

- A System predicting areas which are more prone to particular type of crime thereby reducing intensity of crime by making Police aware of the crimes happening in that area by predicting possibility of crime may happen there.

Neural style Transfer (12/2018 – 12/2018)

- Creating a simple application which takes in an image as allowing user to choose an artistic image thereby mapping image of user onto the artistic image using Deep Convolutional Network and final will look like a painting.

ORGANIZATIONS

Karnataka State Police (05/2019 – Present)

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CERTIFICATES

Deep Learning Specialization (12/2018 – Present) [📍](#)

It is a specialization consisting of five courses taught by Andrew Ng.

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Cricket

Reading about Space-Time

Computing