RISHI SHARMA

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Summary

A focused fresher with **1.3 years experience** in **Deep Learning, Artificial Intelligence and Machine Learning**. I wish to join an organization with solid reputation as **Machine Learning Engineer**.

Skills

Deep Learning	Computer Vision	Image Processing	Python
Machine Learning	Django	Documentation	Influencing
Java	NLP	Teaching Mathematics	Learning
Team Work	Flexibility	Adaptability	Communication

Core competencies

Keras	Neural Networks	Data Analysis	Data Visualization
Scikit Learn	Numpy	Open CV	Fast AI
TensorFlow	Pandas	Matplotlib	Transfer Learning

Achievements

- Secured **7**th rank in **Intel Scene Image Classification Challenge(3k people participated on Analytics Vidhya).**
- Selected for **Secure** and **Private AI Challenge Scholarship** by **Udacity** in collaboration with **Facebook(**around **5,000** people selected globally**).**
- Successfully built a fully functional **Criminal Image Search** website to do image searching of criminals from huge image database of **Karnataka Police Department** during my internship there.
- Successfully completed **Anamoly Detection** on **Mars** images where they selected 36 enthusiasts globally across different countries and the mentor for this project was a scientist from **NASA** who provided us the data.
- Secured **2.7k** rank in **Jee Mains** where **14M** students participated all over the country.
- Successfully completed and earned **6** certificates of **deeplearning.ai specialization by Coursera**.
- Among top 50 students to be selected for **Merit Cum Scholarship** at NITK.

Work Experience

- Karnataka state Police Computer Wing   May 2019 — July 2019
  Machine Learning Intern
  o Created a website for searching criminal images from their huge database using **Deep Learning** techniques.
  o Did **Data Analysis o**f their crime data and giving them valuable insights like having more strict policing at crime prone area as found from data analysis and other valuable insights which can help them for reducing number of crimes.
  o Able to execute all projects within turnaround time with efficient project management skills.

Projects

- **Criminal Search (05/2019 – 07/2019)**

  o A website 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.
  Link :- https://github.com/kampaitees/Web-App-for-Image-Search

- **Vulnerability Mapping (05/2019 – 07/2019)**

o 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.
Link :- https://github.com/kampaitees/KSP-Internship-projects/tree/master/Vulnerability%20Mapping

Education
- Class 12th   Adarsh Malwa, Madhya Pradesh, India   2017
- Bachelor of Technology in CSE   National Institute of Technology Surathkal, Karnataka, India   2021

Extra-Curricular
- Participated in school level cricket matches and was selected for district level matches.
- Provided Mathematics classes to students in M.G. Convent School(my 10 th class school).
- Did captaincy of my cricket team during the district level cricket matches during school days.

Languages – English (Full Professional Proficiency), Hindi (Native)

Hobbies

Cricket	Traveling	Meeting new people	Learning new technology
Gardening	Listening Music	Exploring new cultures	Reading about time travel, Black Holes & Universe