Vivek Kumar

Software Engineer

To obtain a position in a People-Oriented Organization where I can maximize my experience in a challenging environment to achieve corporate goals while educating myself.

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TECHNICAL SKILLS

Python

Well versed with Data Types , Control Flow, OOPS Concept, Exception Handling, File Handling, Multi Threading.

NumPy

Well versed with NumPy Arrays, Universal Functions, Aggregations, Fancy Indexing, Sorting Arrays, NumPy's Structured Arrays.

Pandas

Well versed with Handling Missing Data, Combining Datasets, Hierarchical Indexing, Pivot Tables, Working with Time Series.

Visualization with Matplotlib

Well versed with Line Plots, Scatter Plots, Multiple Subplots, 3-D Plotting, Geographic Data with Basemap, Visualization with Seaborn.

Machine Learning

Well versed with Scikit-Learn, Naive Bayes Classification, Linear Regression, Support Vector Machines, Manifold Learning, Gaussian Mixture Models, Kernel Density Estimation.

EDUCATION

Computer Science Engineering(B.E.)

From RGPV University Bhopal with 65%

08/2013 - 05/2018 *Bhopal India*

Higher Secondary Certificate in Science

from BSEB, Patna with 70%

07/2010 - 05/2012 *Patna*

SKILLS

Python | NumPy | Pandas | Matplotlib | Machine Learning | Data Scientist | Linux

PERSONAL PROJECTS

1. Color Detection (08/2017 - 10/2017)

- About :Color detection is the process of detecting the name of any color.
- In this color detection Python project, I built an application through which we can automatically get the name of the color by clicking on them. So for this, I have a data file that contains the color name and its values. Then I calculated the distance from each color and find the shortest one.
- OpenCV, Pandas, and Numpy have used Python packages for this project.
- The data set file includes 865 color names along with their RGB and hex values.

2. Face Mask Detector (02/2020 - 04/2020)

- About: Face Mast Detector is used to detect whether the person on the webcam is wearing a mask or no.
- I trained the face mask detector model using Keras and OpenCV.
- The data set consists of 1376 images with 690 images containing images of people wearing masks and 686 images with people without masks.
- In the Face Mask Detector project, I used Jupyter Notebook for the development.

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Nepali
Full Professional Proficiency

INTERESTS

Artificial Intelligence | Machine Learning | Data Scientist | Solving Rubik's Cube | Cooking | Doing Social Work