Kumar Rohit Featured

seeking assignment in Software Development,Software Application Development,Project Management,Requirement Gathering,Software Design,Machine Learning,Software Engineering,Algorithms,Data Structures,Java,Python,PHP,C++,MATLAB,Open CV,WooCommerce

Current Location: Noida

Pref. Location: Bengaluru / Bangalore,Delhi / NCR,Pune

Functional Area: IT Software - Application Programming / Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Total Experience: 0 Year(s) 2 Month(s)

Highest Degree: B.Tech/B.E. [Computer Science and Engineering]

Key Skills: Software Developer,Software Development,Software Application Development,Project Management,Requirement Gathering,Software Design,Machine Learning,Software Engineering,Algorithms,Data Structures,Java,Python,PHP,C++,MATLAB,Open CV,WooCommerce

Verified : **Phone Number |** **Email - id**

ID: 0a764791040cf63e77 Last Active: 28-Jan-20 Last Modified: 28-Jan-20

Summary

2 Months experience in Software Development,Software Application Development,Project Management,Requirement Gathering,Software Design,Machine Learning,Software Engineering,Algorithms,Data Structures,Java,Python,PHP,C++,MATLAB,Open CV,WooCommerce

Work Experience

Indian Institute Of Space Science And Technology as Intern
May 2015 to Jun 2015

Designed a content based image retrieval system in MATLAB and presented my work in ?Computer Vision & Image Processing Conference, 2016? at IIT Roorkee.
Published a research paper: Kumar Rohit, Gorthi R. K. Sai Subrahmanyam, Deepak Mishra: Applicability of Self-Organizing Maps in Content-Based Image Classification. CVIP (1) 2016: 309-321

Education

UG: **B.Tech/B.E. (Computer Science and Engineering)** from **NATIONAL INSTITUTE OF TECHNOLOGY** in **2016**

Other Qualifications/Certifications/Programs:

Machine learning by Stanford University on Coursera

IT Skills

Skill Name	Version	Last Used	Experience
Java, Python, PHP, C++			
MATLAB, Open CV, WooCommerce			
Algorithms and Data Structures			

Languages Known

Language	Proficiency	Read	Write	Speak
English	Proficient			
Hindi	Proficient			

Projects

Project Title: Website Scraping
Client: self
Nature of Employment: Full Time
Duration: May 2019 - Jun 2019
Project Location: Noida
Onsite / Offsite: Offsite
Role: Programmer
Team Size: 1
Skill Used: Python, Beautiful soup, Selenium
Project Details: Scraped product details from Myntra, Flipkart, Nykaa and Amazon for price comparison across various websites using Beautiful soup and Selenium in Python.

Project Title: Wikipedia Vandalism Detection
Client: National Institute Of Technology Hamirpur
Nature of Employment: Full Time
Duration: Jan 2016 - May 2016
Project Location: National Institute Of Technology Hamirpur
Onsite / Offsite: Onsite
Role: Programmer
Team Size: 3
Skill Used: HTML, CSS, PHP, Python
Project Details: Its a web portal, developed in Html-CSS, PHP and Python. First a database of Wikipedia edits labelled as good and bad edits is obtained. The system is trained using this database after calculating feature vectors for each page. Then for a given link, Wikipedia page is crawled. Values of all features are calculated from this page to convert the page to a feature vector. At last vandalism probability is calculated with the help of Bayesian Belief Network.

Project Title: Product Feature Extraction And Opinion Determination
Client: National Institute Of Technology Hamirpur
Nature of Employment: Full Time
Duration: Jul 2015 - Dec 2015
Project Location: National Institute Of Technology Hamirpur
Onsite / Offsite: Onsite
Role: Programmer
Team Size: 3
Skill Used: HTML, CSS, Python
Project Details: Its a web portal, developed in Html, CSS and Python, which shows users opinion for every feature of the product. After crawling web-page, it determines the features with the help of "Mark Watsons FastTag part of speech tagger" algorithm and stores their positive and negative opinion, which is shown to the user.

Project Title: Applicability of Self-Organizing Maps in Content-Based Image Classification
Client: Indian Institute Of Space Science And Technology
Nature of Employment: Part Time
Duration: May 2015 - Jun 2015
Project Location: Indian Institute Of Space Science And
Onsite / Offsite: Onsite

Technology
Team Size: 1
Role: Programmer
Skill Used: MATLAB, Machine Learning, Self organising maps, k means clustering
Role Description: Internship project
Project Details: https://link.springer.com/chapter/10.1007%2F978-981-10-2104-6_28

It is an image classification tool developed in Matlab. Content-based image classification (CBIC) is a method to classify images from large databases into different categories, on the basis of image content. An efficient image representation is an important component of a CBIC system. In this paper, we demonstrate that Self-Organizing Maps (SOM)-based clustering can be used to form an efficient representation of an image for a CBIC system. The proposed method first extracts Scale-Invariant Feature Transform (SIFT) features from images. Then it uses SOM for clustering of descriptors and forming a Bag of Features (BOF) or Vector of Locally Aggregated Descriptors (VLAD) representation of image. The performance of proposed method has been compared with systems using k-means clustering for forming VLAD or BOF representations of an image and it was found to be better.

Project Title: Face recognition
Client: self
Nature of Employment: Full Time
Duration: Apr 2015 - May 2015
Onsite / Offsite: Offsite
Skill Used: MATLAB, Machine Learning
Project Details: Trained the system using images of each person from 10k US Adult Faces Database. Then recognized a random image from dataset using Principal Component Analysis.

Project Title: Malignant Tumour Detection
Client: Self
Nature of Employment: Full Time
Duration: Feb 2015 - Apr 2015
Role: Programmer
Onsite / Offsite: Offsite
Team Size: 2
Skill Used: MATLAB, Machine learning, Clustering Algorithms
Project Details: Delineated the nodules from thyroid ultrasound images using Spatial Intuitionistic fuzzy C-mean (SIFCM) clustering and compared with spatial fuzzy C-mean (SFCM) clustering and intuitionistic fuzzy C-mean (IFCM) clustering. Then classified the tumours as benign or malignant.

Affirmative Action

Category: General

Physically Challenged: No

Work Authorization

Job Type: Permanent

Employment Status: Full time