ALOK RANJAN

PYTHON DEEP LEARNING ENTHUSIAST
JS FULL STACK DEVELOPER

PROFILE

- https://www.alokprofile.com
- https://eportfolio.greatlearning.in/alok-ranjan
- https://alokranjan04.github.io/
- https://www.linkedin.com/in/alok-ranjan-34380910/

Certification

https://app.codility.com/cert/view/certK4XYQS-8WKCQ8KHDUMMT769/

CONTACT

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INTERESTS

Python, Numpy, Pandas
UI/UX,AngularJS 1.x,
OpenCV,CNN,Transfer Learning
LSTM,RNN, Word Embedding
React-Redux, NodeJS

SKILLS

Python
OOJS
React-Redux
CNN, LSTM

EDUCATION

BMSIT BANGALORE, 2007
Electrical & Electronics

G & H HIGH SCHOOL,RANCHI 2001
12th -Phy, Chem , Math

INDIAN SCHOOL OF LEARNING,DHANBAD 1998
Secondary Education

WORK EXPERIENCE

CONCENTRIX GLOBAL • OCT 2015-NOW
Senior Software Engineer

CA TECHNOLOGY • MAR 2014-AUG-2015
Senior Software Engineer

FREELANCING • FEB 2013-MAR 2014
Consultant

ABB GLOBAL • MAR 2012-FEB-2013
Software Engineer

WDC TECHNOLOGY •APR 2010-DEC -2011
UI Developer

TARAMS SOFTWARE •JUN 2007-MAR -2010
Software Engineer

LATEST PROJECTS

Project 1:Python Spell Check
Skills and Tools: Python,Google Colab, Flask, Python Collections
Role: Individual contributor
Link:https://colab.research.google.com/drive/1F8L0WS2zbPEhU5W7nsqie9pVLt8tBn9Q

Developed spell check application which gives the offset value of the incorrect words, best suited words as well as the probability of nearest words

Project 2: Python Text Summariser
Skills and Tools: Python,Google Colab, nltk corpus, numpy, networkx
Role: Individual contributor
Link: https://colab.research.google.com/drive/1pwi1KnKlisLqgcHsnyaM6-ywSzE8x4h6

Developed text summariser application which gives the summarisations of given Sentence in a file

Project 3: Implementing a Image classification neural network to classify Street House View Numbers
Skills and Tools: Neural Networks, Deep Learning, Keras, Image Recognition
Role: Individual Contributor
Link: https://colab.research.google.com/drive/1jGG_NKcE68YzheTtRbjQbUQcvVTSuTY-

SVHN is a real-world image dataset for developing object recognition algorithms with a requirement on data formatting but comes from a significantly harder, unsolved, real-world problem (recognizing digits and numbers in natural scene images). SVHN is obtained from house numbers in Google Street View images. The objective of the project is to learn how to implement a simple image classification pipeline based on the k-Nearest Neighbour and a deep neural network.

Project 4: Natural Language Processing Fake News Detector
Skills and Tools: LSTM, Attention Models, RNN, Word Embedding
Role: Individual contributor
Link: https://colab.research.google.com/drive/1LF91ayOdNFArfpj675dtyi03QCt5mlM8

The goal of Fake News detection is not to directly identify whether a headline or article is “fake” or not, which is arguably a highly subjective question, and one that even skilled humans may have difficulty answering. The objective is around the well-defined problem of “stance detection,” which involves comparing a headline with a body of text from a news article to determine what relationship (if any) exists between the two.

Project 4:Face Recognition
Skills and Tools: computer Vision, CNN, Transfer Learning, Object detection
Role: Individual contributor
Link: https://colab.research.google.com/drive/1DBfsNTp7KQ4_9l-j9B_3U599n0tl6EKK

Recognise, identify and classify faces within images using CNN and image recognition algorithms. In this hands-on project, the goal is to build a face recognition system, which includes building a face detector to locate the position of a face in an image and a face identification model to recognize whose face it is by matching it to the existing database of faces.

Project 5 :Dashboard from google sheet
Technology Used : HTML, CSS ,Javascript, JQuery, Highchart plugin
Github Code: https://github.com/alokranjan04/dashboard.github.io
Working Application: https://alokranjan04.github.io/dashboardFromSheet.io/index.html
Role: Individual Contributor

Developed an application which can create a data table and pie chart graph from any google sheet which has tables in it.The best feature about this dashboard is it automatically determines the numerical column of the table ,it filters out the data and creates pie chart of it.
In the next version, this dashboard will be able to draw any kind of graph from the drop down in the selected list