

Amit Kushwaha

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EDUCATION

Indian Institute of Information Technology, Allahabad (2012-2016)
B.Tech-ECE, CGPA - 8.20

St. Xavier's School, Belthera Road, Ballia(2010-2011)
Senior Secondary Examination - Class XII, Percentage – 81.0%

St. Xavier's School, Belthera Road, Ballia(2008-2009)
Higher Secondary Examination - Class X, Percentage – 90.4%

INTERNSHIP

Zomato Pvt. Ltd. (January, 2016 – May, 2016)

Built a Photo Classifier Service: Classifying image as Food or Ambience. Trained CNN model using Caffe framework on Python Interface. A replication of the model described in the AlexNet publication was used with just two categories – Food and Ambience.

Similar Image identification: Used the trained model in Caffe framework for image feature Extraction. Recursive Agglomerative Clustering is done at two inner layer feature extracted from caffe.

Built a Restaurant Menu Reader: Image Pre-processing for OCR engine. Developed a method for extracting text part from restaurant menu image. Text cropped images are processed then read.
Pypi Link :https://pypi.python.org/pypi/menu_parser/

EXPERIENCE

Zomato Pvt. Ltd. (June, 2016 - Present)

Review Highlights: Built a Review Highlight service that extracts Aspect Based Sentiment from the user uploaded reviews on restaurant page. Core of the technology uses python based Natural Language Processing Toolkit (NLTK), We wrote our own parsing grammar rules for aspect and target word extraction.

ACADEMIC PROJECTS

Human Emotions: A Facial Expression Perspective. Revamped existing algorithm by an approach based on texture feature extraction, dimensionality reduction using PCA using RBF kernel on SVM.

Developed Android App Utkarsh: BBD University, Lucknow fest App.: App features all event details, venue, timings, one touch call to coordinators and provision to set event notification.
Play Store Link: <https://goo.gl/qsMBo4>



CAREER OBJECTIVE

Seeking a position to utilize my skills and abilities in the Software Industry that offers professional growth while being resourceful, innovative and flexible.

LANGUAGES

Python , PHP(Basic) , C++,C , SQL

LIBRARY USED

Sci-kit , Pandas , Flask (micro web framework , Caffe (Deep Learning Framework) , NLTK

INTERESTS

Machine Learning, Data Structure and Algorithms

ACHIEVEMENTS

Got mean-f1 score of 0.79 in Yelp Restaurant Photo Classification challenge on **Kaggle**.

Recipient of Merit-Cum Means Scholarship.

6th International Science Conclave:
Volunteered in Registration Committee.

Coordinated Registration Desk in **Effervescence 2014**.

Organized FIFA 14 in Gamer's Asylum during Effervescence 2014.

Trade Mogul 2013 (Online Trading Competition): Ranked under 300 across 4 countries.