

KAJAL PURI

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RECENT WORK EXPERIENCE

Deep Learning Intern: Parallel Dots (www.paralleldots.com) **Winter 2016**
Implemented state-of-the-art deep learning models in text classification and Computer Vision.
Categorisation of the tweets in five types from the enterprise point of view, achieved 80% accuracy.
Applied Transfer Learning on the selfie dataset to find the nearest neighbor with 72% accuracy.
Contextual analysis of the news dataset in order to put it into a specific category.

Data Science Intern: The Local Tribe (www.about.thelocaltribe.com) **Summer 2016**
Studied user behavior and developed predictive models for existing categories of users.
Worked in a cross-functional team to develop a real-time recommendation engine.
Architected and implemented different algorithms for the accurate results of the recommendations.
Spearheaded an initiative to build statistical models. Also, worked on its scalability and optimisation.

PERSONAL PROJECTS

How Twitter trending Algorithm Works **March 2016**
Researched on the applied techniques for the trending topic detection and tried to implement that with different methods.
Attended an online lecture on this topic by Kostas Tsioutsoulis, who worked at twitter trends in 2012. Link to the report- <http://bit.ly/2gmAMK1>
Delivered a talk and presented my report in a local python community meetup.

Tweet Sentiment Analysis **September 2016**
Collected tweets of the India's most influential Bollywood celebrities using twython.
Preprocessed the unstructured text of the tweets for various causes like social issues, trolls etc. using Python libraries like scikit-learn, nltk, pandas etc.
Improved the model by applying Random Forest Algorithm using sklearn library in Python.

SOFTWARE AND PROGRAMMING LANGUAGES

Python(scikit-learn, numpy, scipy, pandas, sklearn, matplotlib), keras, lasagne, tensor flow, theano, R.

EDUCATION

Guru Nanak Dev University - Amritsar **2013-2017**
Bachelor of Technology in Computer Science (Current GPA 8.00)

ACADEMIC HONORS AND AWARDS

Grace Hopper Celebration of Computing India(GHCI) Student Scholar, held in Bangalore on 8-12-16
Talk delivered on Recommendation Engines at PyData Delhi. Slides' link <http://bit.ly/2fQedjy>
Turing Machine Scholarship (2016): Awarded by a college alumni association for creativity and innovation.