


[\(http://nlp.stanford.edu/\)](http://nlp.stanford.edu/)

CS224d: Deep Learning for Natural Language Processing

[\(index.html\)](#)

Reports for 2015

Project Name	Authors
Classifying responses on online discussion forums (reports/AbajianAaron.pdf)	Aaron Abajian
Opinion Tagging Using Deep Recurrent Nets with GRUs (reports/AdamsonAlex.pdf)	Alex Adamson / Vehbi Deger Turan
Entity Level Sentiment Analysis for Amazon Web Reviews (reports/AhresY.pdf)	Y. Ahres / N. Volk
MT using RNNs enriched with Universal (reports/Anonymous.pdf)	Anonymous
Selecting Best Answers from Question-Answers Pairs (reports/Anonymous1.pdf)	Anonymous
Gender Classification with Deep Learning (reports/BartleAric.pdf)	Aric Bartle / Jim Zheng
Large Scale Multi-label Text Classification with Semantic Word Vectors (reports/BergerMark.pdf)	Mark J. Berger
Job Classification Based on LinkedIn Summaries (reports/BoucherEric.pdf)	Eric Boucher / Clement Renault
Exploring Two Extensions to LSTM Machine Translation (reports/BradburyJames.pdf)	James Bradbury
Graph Neural Networks and Boolean Satisfiability (reports/BunzBenedikt.pdf)	Benedikt Bunz / Matthew Lamm
Quote Attribution for Literary Text with Neural Networks (reports/ChagantyArun.pdf)	Arun Chaganty / Grace Muzny
Sentence Extraction for Yelp Review Summarization (reports/ChaiElaina.pdf)	Elaina Chai / Neil Gallagher
A Deep Architecture for Coreference Resolution (reports/ChengXiao.pdf)	Xiao Cheng / Rob Voigt
Neural Coreference Resolution (reports/ClarkKevin.pdf)	Kevin Clark

Annotating protein secondary structure from sequence (reports/CravensAaron.pdf)	Aaron Cravens / Christopher Probert
NeuralTalk on Embedded System and GPU-accelerated RNN (reports/DasSubhasis.pdf)	Subhasis Das / Song Han
Simultaneous Visual and Linguistic Embeddings with CNNs and T-LSTMs (reports/DufourNick.pdf)	Nick Dufour / Jayant Thatte / Prasanth Veerina
Making a Manageable Email Experience with Deep Learning (reports/EugeneLouis.pdf)	Louis Eugene / Isaac Caswell
Quantify customer perception using natural language reviews (reports/GargAmit.pdf)	Amit Garg / Rahul Venkatraj
Document Embeddings via Recurrent Language Models (reports/GielAndrew.pdf)	Andrew Giel / Ryan Diaz
Classification of EEG with Recurrent Neural Networks (reports/GreavesAlex.pdf)	Alex S. Greaves
Japanese-to-English Machine Translation Using Recurrent Neural Networks (reports/GreensteinEric.pdf)	Eric Greenstein / Daniel Penner
Formatting Instructions for NIPS 2013 (reports/GriswoldKyle.pdf)	Kyle G Griswold
Sentiment Analysis with Deeply Learned Distributed Representations of Variable Length Texts (reports/HongJames.pdf)	James Hong / Michael Fang
Improving Paragraph2Vec (reports/HongSeokho.pdf)	Seokho Hong
Deanonymizing Quora Answers (reports/JindalPranav.pdf)	Pranav Jindal / Ashwin Paranjape
Answering Reading Comprehension Using Memory Networks (reports/KapashiDarshan.pdf)	Darshan Kapashi / Pararth Shah
Learning Sentence Vector Representations to Summarize Yelp Reviews (reports/KhoslaNeal.pdf)	Neal Khosla / Vignesh Venkataraman
Convolutional Encoders for Neural Machine Translation (reports/LambAndrew.pdf)	Andrew Lamb / Michael Xie
Restaurant Menu Generation From User Reviews (reports/LiGuoxing.pdf)	Guoxing Li / Tianxin Zhao
Conquering vanishing gradient: Tensor Tree LSTM on aspect-sentiment classification (reports/LiuShenxiu.pdf)	Shenxiu Liu / Qingyun Sun
Application of Neural Networks in the Semantic Parsing Re-Ranking Problem (reports/LongReginald.pdf)	Reginald Long / Colin Wei
Deep Sentence-Level Authorship Attribution (reports/MackeStephen.pdf)	Stephen Macke / Jason Hirshman
Solving Text Imputation Using Recurrent Neural Networks (reports/ManiArathi.pdf)	Arathi Mani

Aspect Specific Sentiment Analysis of Unstructured Online Reviews (reports/MarxElliot.pdf)	Elliot Marx / Zachary Yellin-Flaherty
Learning Hypernymy over Word Embeddings (reports/NayakNeha.pdf)	Neha Nayak
GRUV: Algorithmic Music Generation using Recurrent Neural Networks (reports/NayebiAran.pdf) (and video) (https://www.youtube.com/watch?v=0VTI1BBLydE)	Aran Nayebi / Matt Vitelli
Deep Learning For Mathematical Functions (reports/NinsuwanKesinee.pdf)	Kesinee Ninsuwan
Humor Detection in Yelp reviews (reports/OliveiraLuke.pdf)	Luke de Oliveira / Alfredo Lainez Rodrigo
There and Back Again: Autoencoders for Textual Reconstruction (reports/OshriBarak.pdf)	Barak Oshri / Nishith Khandwala
Semantic image search using queries (reports/PatelShabaz.pdf)	Shabaz Basheer Patel / Anand Sampat
EqnMaster: Evaluating Mathematical Expressions with Generative Recurrent Networks (reports/PeddadaAmani.pdf)	Amani V. Peddada / Arthur L. Tsang
Document Similarity using Feed Forward Neural Networks (reports/PoulosJackson.pdf)	Jackson Poulos / Leonard Bronner
Deep learning for sentiment analysis of movie reviews (reports/PouransariHadi.pdf)	Hadi Pouransari / Saman Ghili
POS tagging of Chinese Buddhist texts using Recurrent Neural Networks (reports/QinLonglu.pdf)	Longlu Qin
Author Attribution with CNN's (reports/RhodesDylan.pdf)	Dylan Rhodes
Bag of Words Meets Bags of Popcorn (reports/SadeghianAmir.pdf)	Amir Sadeghian / Ali Reza Sharafat
Deep Learning for Semantic Similarity (reports/SanbornAdrian.pdf)	Adrian Sanborn / Jacek Skryzalin
Recursive Nested Neural Network for Sentiment Analysis (reports/SharifMilad.pdf)	Milad Sharif / Hossein Karkeh Abadi
Modeling Hotel Quality Belief in Natural Language Reviews (reports/ShiehEvan.pdf)	Evan Shieh / Alex Zamoshchin
Applications of Deep Learning to Sentiment Analysis of Movie Reviews (reports/Shirani-MehrH.pdf)	Houshmand Shirani-Mehr
Recurrent Recursive Neural Networks for Sentiment Analysis (reports/SinghAmandeep.pdf)	Amandeep Singh
End-to-End Deep Neural Network for Automatic Speech Recognition (reports/SongWilliam.pdf)	William Song / Jim Cai

Sentiment Analysis on Movie Reviews using Recursive and Recurrent Neural Network Architectures (reports/TimmarajuAditya.pdf)	Aditya Timmaraju / Vikesh Khanna
A Look Into the World of Reddit with Neural Networks (reports/TingJason.pdf)	Jason Ting
Deep Learning for Aspect-Based Sentiment Analysis (reports/WangBo.pdf)	Bo Wang / Min Liu
We know what you are going to post: User Status Generation Based on Personality and Topic (reports/WangYilun.pdf)	Yilun Wang / Shijie Liu
From Movie Reviews to Restaurants Recommendation (reports/XingMargaret.pdf)	Xing Margaret FU / Xiaocheng LI
On the effectiveness and simplicity of linear recursive neural network (reports/XuPeng.pdf)	Peng Xu / Ruoxi Wang
Wallace: Author Detection via Recurrent Neural Networks (reports/YaoLeon.pdf)	Leon Yao / Derrick Liu
Twitter Sentiment Analysis with Recursive Neural Networks (reports/YuanYe.pdf)	Ye Yuan / You Zhou
Multiclass Sentiment Prediction using Yelp Business Reviews (reports/YuApril.pdf)	April Yu / Daryl Chang
Learning Representations for Relation Classification (reports/ZhongVictor.pdf)	Victor Zhong