SEN YANG

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EDUCATION

Xi'an Jiaotong University, Xi'an, China   *September 2013 - June 2019*

- B.Eng. in Automation, School of Electronic and Information Engineering

- Honors Youth Program[1]

- Grade: 84.32/100 (Junior year: 86.97/100)

RESEARCH INTERESTS

Natural Language Processing: Information Extraction, Text Generation, etc.
Machine Learning: Structured Prediction, Transfer Learning.

RESEARCH EXPERIENCE

Westlake University, Hangzhou, China   *April 2019 - Present*

- Text Intelligence Lab: Visiting Student

- Supervisor: Prof. Yue Zhang

- Focus: Sentiment Classification, Text Summarization.

- Researched on exploring the correlation between review and user-written summary for customer's review sentiment analysis. Proposed to use a review-centric attention model for better leveraging information from both review and summary, which allows deeper interactions between them.

    ○ Submitted to ACL-2020

    ○ Sen Yang*, Leyang Cui* and Yue Zhang

- Researched on analysing neural automatic summarization models and evaluation metrics using a novel error-guided fine-grained human evaluation metric.

    ○ Submitted to ACL-2020

    ○ Sen Yang*, Leyang Cui*, Dandan Huang*, Guangsheng Bao and Yue Zhang

University of Western Australia, Perth, Australia   *July 2018 - August 2018*

- School of Computer Science and Software Engineering: Research Intern

- Supervisor: Dr. Wei Liu

- Focus: Paraphrase Identification, Graph Embedding.

- Researched on the application of Abstract Meaning Representation (AMR). Proposed to incorporate AMR with graph embeddings for paraphrase identification task.

Xi'an Jiaotong University, Xi'an, China   *October 2017 - December 2017*

- Institute of Artificial Intelligence and Robotics: Undergraduate Research Assistant

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[1]The Honors Youth Program (also known as Special Class for the Gifted Young) at Xi'an Jiaotong University (XJTU) aims at cultivating the gifted youth with comprehensive ability. Students are selected nationwide from junior high schools so they must complete six-year college education, which includes two years' preparatory courses in place of typical senior high school education.

- Supervisor: Dr. Meng Yang

- Focus: Voice Recognition, Fourier Transform, Speaker Recognition

- Researched on the recognition of voice using Fourier transform and traditional Machine Learning methods. Also researched on the recognition of voice speakers.

RWTH Aachen University, Aachen, Germany   *July 2017 - August 2017*

- Institute of Information Management in Mechanical Engineering

- Summer School Program: Robotics for Future Industrial Applications

- Developed Motion Planning in ROS. Built dynamic model for rigid multi-body systems.

TECHNICAL SKILLS

Programming Languages	Python, C/C++, MATLAB
Tools	PyTorch, TensorFlow, LaTeX, Verilog HDL