Hai Ye

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Research Interests

- Natural Language Processing: Language Generation in general, Information Extraction, Interpretations for Neural Models in NLP.
- Machine Learning: Semi-supervised Learning.

Education

Beihang University (BUAA) **Beijing, China**
School of Computer Science and Engineering *Sep. 2013–July 2017*

- Bachelor of Computer Science and Engineering
- Overall GPA: **3.7 / 4.0** Major GPA: **3.7 / 4.0** Ranking: **top 10%**
- 2017 Excellent Graduation Thesis Award (**top 15%**)

Research Experience

Department of Computing, The Hong Kong Polytechnic University **Hong Kong**
Research Assistant *Oct. 2018–present*

- *Advisor*: **Prof. Maggie, Wenjie Li**
- Research on Document Summarization based on Neural Networks.

College of Computer Science and Information Science, Northeastern University **Boston, USA**
Visiting Scholar *March 2018–July 2018*

- *Advisor*: **Prof. Lu, Wang**
- Independent Research on Keyphrase Generation by Semi-supervised Learning. **[EMNLP'2018]**

The Institute of Intelligent Information Processing, Beihang University **Beijing, China**
Research Assistant *July 2016–Jan. 2018*

- *Advisor*: **Zhunchen, Luo**
- Research Program on AI in Law **[NAACL'2018]**, Distant Supervised Relation Extraction **[ACL'2017]** and Sentiment Analysis **[PAKDD'2017]**.

Honors and Awards

2017: 2nd prize, The 27th Feng Ru Cup, Beihang University

2015, 2016: Subject Contest Scholarship, Science and Technology Contest Scholarship, Beihang University

2016: Honorable Mention, Interdisciplinary Contest in Modeling(ICM)

2014: 2nd Prize, The 6th Chinese Mathematics Competitions, Beijing Division

2014: Outstanding Scholarship, Beihang University

2012: 1st Prize, High School Mathematic Competition, Zhejiang Province

Publication (Google Scholar)

- **Semi-Supervised Learning for Neural Keyphrase Generation.**
  Hai Ye, Lu Wang. (2018).
  In proceedings of EMNLP 2018, Long paper
- **Interpretable Charge Prediction: Learning to Generate Court Views from Fact Descriptions.**
  Hai Ye*, Xin Jiang*, Zhunchen Luo*, Wenhan Chao. (2018).
  In proceedings of NAACL 2018, Long paper, Oral. **[PDF]** (* indicates equal contribution)
- **Interpretable Rationale Augmented Charge Prediction System.**
  Xin Jiang*, **Hai Ye***, Zhunchen Luo*, Wenhan Chao, Wenjia Ma. (2018).
  In proceedings of COLING 2018, System Demonstrations (* indicates equal contribution)
- **Jointly Extracting Relations with Class Ties via Effective Deep Ranking.**
  Hai Ye, Wenhan Chao, Zhunchen Luo, Zhoujun Li. (2017).
  In proceedings of ACL 2017, Long paper. **[PDF]**

- **Dependency-tree Based Convolutional Stacked Neural Networks for Aspect Term Extraction.**
  Hai Ye, Zichao Yan, Zhunchen Luo, Wenhan Chao. (2017).
  In proceedings of the Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD) (Accepted as Long Presentation Paper, accept rate: 9.8%) **[PDF]**
- **Homogenous Color Transfer Using Texture Retrieval and Matching.**
  Chang Xing, **Hai Ye**, Tao Yu, Zhong Zhou. (2016).
  In proceedings of Advances in Multimedia Information Processing - PCM, 2016. **[PDF]**