HAONAN LI

Ph.D. Candidate (Natural Language Processing, Deep Learning)
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EDUCATION BACKGROUND

The University of Melbourne *Jul.2018 - now*
Doctor of Philosophy (Natural Language Processing)
Shanghai Jiao Tong University *Sep.2013 - Jun.2017*
Bachelor of Science (Computer Science)
Affiliated High School of Shanxi University *Sep.2010 - Jul.2013*
Senior Middle School Diploma

PUBLICATIONS

Werner Kuhn, Ehsan Hamzei, Martin Tomko, Stephan Winter, **Haonan Li**, **The Semantics of Place-related Questions** *JOSIS-21*

Haonan Li, Ehsan Hamzei, Ivan Majic, Hua Hua, Jochen Renz, Martin Tomko, Maria Vasardani, Stephen Winter, Timothy Baldwin, **Neural Factoid Geospatial Question Answering** *JOSIS-21*

Haonan Li, Yeyun Gong, Jian Jiao, Ruofei Zhang, Timothy Baldwin, Nan Duan, **KFCNet: Knowledge Filtering and Contrastive Learning Network for Generative Commonsense Reasoning** *EMNLP-21*

Haonan Li, Maria Vasardani, Martin Tomko, Timothy Baldwin, **Target Word Masking for Location Metonymy Resolution** *COLING-20*

Ehsan Hamzei, **Haonan Li**, Maria Vasardani, Timothy Baldwin, Stephan Winter, Martin Tomko, **Place Questions and Human-Generated Answers: A Data Analysis Approach**, *AGILE-19*

Haonan Li, Minghan Wang, Timothy Baldwin, Martin Tomko, Maria Vasardani, **UniMelb at SemEval-2019 Task 12: Multi-model combination for toponym resolution**, *SemEval-19*

Yuting Han, Zheng Zhou, **Haonan Li**, Guoyin Wang, Wei Deng, Zhixing Li, **Classifying Relation via Piecewise Convolutional Neural Networks with Transfer Learning**, *ICMMI-19*

Haonan Li, Zhisong Zhang, Yuqi Ju, Hai Zhao, **Neural Character-level Dependency Parsing for Chinese**, *AAAI-18*

AWARDS

Stars of Tomorrow Internship Program Award, Microsoft Research Asia, 2021

First place on CommonGen public leaderboard, A Constrained Text Generation Challenge for Generative Commonsense Reasoning, June 2021 – Feb 2022

Second Place in Competition of SemEval-2019 Task 12, Toponym Resolution in Scientific Papers, 2019

Melbourne Research Scholarship, The University of Melbourne, 2018

Second Class of Awarding in the National Mathematics League Match for Undergraduate, 2015

Second Class of Awarding in the National Mathematics League Match for Undergraduate, 2014

Excellent Awarding in the Hackathon organized by Microsoft Corporation, China, 2015

Honorable Mentions in Mathematical Contest in Modeling (MCM), 2013

First Class of Awarding in the National Mathematics League Match for Senior Middle School Student, China, 2012

Second Class of Awarding in the National Mathematics League Match for Senior Middle School Student, China, 2011

INTERNSHIP AND WORK

- Research Intern, Microsoft Research Asia *Jan.2021 - June.2021*
  - Focus on a constrained text generation challenge for generative commonsense reasoning (CommonGen), achieve top-1 on the public leaderboard.
- Academic Tutor, The University of Melbourne *Mar.2020 - Jul.2020*
  - Tutor of two subjects: *Natural Language Processing* and *Introduction to Programming.*
- Algorithm Intern, NLP Team, Horizon Robotics *Oct.2017 - Jan.2018*
  - Participated (as a core developer) in the development of a rule-based semantic parsing.
- Intern, Data Center Group, Intel Corporation *Dec.2015 - Apr.2016*
  - Charge for managing and updating the code by SVN, working on a long distance debug tool.

ACCOMPLISHMENTS OF GRADUATE COURSE (OUT OF SCHOOL)

Machine Learning by Stanford University on Coursera. Certificate earned on May 2, 2017

Algorithms and Data Structure by University of California, San Diego on Coursera. Certificate earned on July 23, 2017

Neural Networks and Deep Learning by Deeplearning.ai on Coursera. Certificate earned on July 4, 2018

SKILL

Tool	NLTK, git, LaTeX, GCC, VIM, etc.
Programming Language	Python, C/C++, R, Java, JavaScript, HTML 5, etc.
ML & NLP	PyTorch, Transformers, Allennlp, Keras, NLTK, Spacy, etc.
English	TOEFL iBT: 86/120, GRE: 320/340