

Bill Yuchen Lin

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EDUCATION

University of Southern California, Los Angeles, CA, U.S.

Aug 2018 – Present

- Ph.D. in Computer Science

Shanghai Jiao Tong University, Shanghai, China

Sep 2014 – Jun 2018

- B.Sc. in Computer Science (Expected)
- Member of **IEEE Honored Class***
- Advisor: Prof. Kenny Q. Zhu

RESEARCH INTEREST

- **Natural Language Processing**: Information Extraction, Semantic Parsing, Question Answering, etc.
- **Artificial Intelligence**: Knowledge Graph Representation and Construction, Commonsense Reasoning
- **Machine Learning**: Structured Prediction, Transfer Learning, Social Network Analysis

RESEARCH EXPERIENCE

Microsoft Research Asia, Beijing

Sep 2017 – Mar 2018

- Research Intern
- Supervisor: Dr. Jian-Guang Lou
- Focus: Semantic Parsing, Question Answering, Multi-lingual NLP

Singapore University of Technology and Design, Singapore

Jun 2017 – Sep 2017

- StatNLP Group: Visiting Fellow
- Supervisor: Prof. Wei Lu
- Focus: Named Entity Recognition, Domain Adaptation, Knowledge Graph Representation

Shanghai Jiao Tong University, Shanghai

- ADAPT Lab: Undergraduate Research Assistant
• Supervisor: Prof. Kenny Q. Zhu
• Focus: Information Extraction, Computational Social Science, Text Mining, Traffic Prediction

May 2016 – **PRESENT**

- IIoT Research Center: Undergraduate Research Assistant
• Supervisors: Prof. Luoyi Fu and Prof. Xinbing Wang
• Focus: Temporal Social Network Analysis

Mar 2017 – Jun 2017

PUBLICATIONS

- [1] Mining Cross-Cultural Differences and Similarities in Social Media.
(to appear) in Proc. of *ACL 2018*
Bill Yuchen Lin, Frank F. Xu, Kenny Q. Zhu, Seung-won Hwang
- [2] Automatic Extraction of Commonsense LocatedNear Knowledge.
(to appear) in Proc. of *ACL 2018*
Frank F. Xu, **Bill Yuchen Lin**, Kenny Q. Zhu
- [3] Multi-channel BiLSTM-CRF Model for Emerging Named Entity Recognition in Social Media.
in Proc. of *EMNLP 2017 Workshop on Noisy User-generated Text (W-NUT)*
Bill Y. Lin, Frank F. Xu, Zhiyi Luo, Kenny Q. Zhu
- [4] Dynamic Detection of Communities and Their Evolutions in Temporal Social Networks.
in Proc. of *AAAI 2018, Student Abstract*
Yaowei Huang, Jinghuan Shang, **Bill Y. Lin**, Luoyi Fu, Xinbing Wang
- [5] Transfer Learning for Traffic Speed Prediction: A Preliminary Study.
(to appear) in Proc. of *AAAI 2018 Workshop on Smart IoT*
Bill Y. Lin, Frank F. Xu, Eve Q. Liao, Kenny Q. Zhu

*IEEE Honor Class is an elite program at SJTU directed by Prof. Xinbing Wang, with the aim of nurturing scientists in computer science, electrical and electronic technology, and information science based on MIT's educational model.

- [6] Cross-region traffic prediction for China on OpenStreetMap.
in Proc. of ACM SIGSPATIAL 2016, International Workshop on Computational Transportation Science (IWCTS)
Frank F. Xu, **Bill Y. Lin**, Qi Lu, Yifei Huang, Kenny Q. Zhu

**AWARDS &
SCHOLARSHIPS**

- Annenberg Fellowship Award, University of Southern California, 2018
- Excellent Graduate Student, Shanghai Jiao Tong University, 2018
- Qide Scholarship, Shanghai Jiao Tong University, 2017-2018
- Shanghai Scholarship, Shanghai Jiao Tong University, 2016-2017 (rank 2/69)
- Academic Excellence Scholarship, Shanghai Jiao Tong University, 2016-2017 (rank 2/69)
- Academic Progress Scholarship, Shanghai Jiao Tong University, 2016-2017 (rank 9/97)
- *Siyuan* Cup of Computational Transportation Contest, Second Prize

**PROFESSIONAL
ACTIVITIES**

The 3rd Workshop on Noisy User-generated Text, EMNLP 2017
Reviewer for the reports of the shared task: Novel and Emerging Entity Recognition

REFEREE

- **Prof. Kenny Q. Zhu**
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Shanghai Jiao Tong University, Shanghai
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Email: kzhu@cs.sjtu.edu.cn
- **Prof. Wei Lu**
Assistant Professor of Computer Science
Singapore University of Technology and Design, Singapore
Homepage: <https://istd.sutd.edu.sg/people/faculty/lu-wei>
Email: luwei@sutd.edu.sg
- **Dr. Jian-Guang Lou**
Senior Researcher
Microsoft Research Asia, Beijing
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