

Jiawei Wu

**This is a brief C.V. with selected information for my homepage. The detailed C.V. can be available upon request.*

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Research Interests

- Natural Language Processing, Reinforcement Learning, Deep Learning

Education

- **Ph.D. in Computer Science**
University of California, Santa Barbara, 2017 - 2022 (Excepted)
Advisor: William Y. Wang
- **B.Sc. in Bioinformatics**
Tsinghua University, 2013 - 2017
Thesis advisor: Zhiyuan Liu
Thesis: Semi-supervised Relation Extraction for Biomedical Text (in Chinese)

Experience

- **UCSB NLP Group**, University of California, Santa Barbara, 09/2017 - Present
Graduate Research Assistant, Advisor: William Y. Wang
- **THU NLP Lab**, Tsinghua University, 09/2015 -06/2017
Undergraduate Research Assistant, Advisor: Zhiyuan Liu
- **Proteus Project (NYU NLP Lab)**, New York University, 07/2016 - 09/2016
Research Intern, Mentor: Ralph Grishman
- **Structural Biology Data Grid**, Harvard Medical School, 07/2015 - 09/2015
Research Intern, Mentor: Piotr Sliz

Selected Awards & Honors

- Facebook Research Award, Facebook Research, 2018
- Fellowship, Tsinghua Initiative Scientific Research Program for Undergraduates, 2015 - 2016
- Scholarship, Tsinghua Top Open Program for Overseas Visiting, 2015 & 2016
- Harvard BCMP Summer Scholar, Harvard Medical School, 2015
- 2nd Prize, 14th National Challenge Cup Innovation Competition of China, 2015
- 2nd Prize, 17th National Olympiad in Informatics in Provinces of China, 2011

Publications

Proceedings

- *Learning to Compose Topic-Aware Mixture of Experts for Zero-Shot Video Captioning.*
Xin Wang, **Jiawei Wu**, Da Zhang, Yu Su, William Yang Wang. **AAAI 2019.**
- *Video Captioning via Hierarchical Reinforcement Learning.*
Xin Wang, Wenhu Chen, **Jiawei Wu**, Yuan-Fang Wang, William Yang Wang. **CVPR 2018.**
- *Reinforced Co-Training.*
Jiawei Wu, Lei Li, William Yang Wang. **NAACL-HLT 2018.**

Preprints

- *Knowledge Representation via Joint Learning of Sequential Text and Knowledge Graphs.*
Jiawei Wu, Ruobing Xie, Zhiyuan Liu, Maosong Sun. **arXiv:1609.07075.**

Patents

- *An Entity Sequential-text-embodied Method and System for Knowledge Representation Learning.*
Maosong Sun, Zhiyuan Liu, **Jiawei Wu**, Ruobing Xie, Yankai Lin. **CN Application No. KHP161115355-4.**

Professional Service

Co-Organizer

- Student Co-Chair, the *Southern California Natural Language Processing Symposium (SoCal NLP)*, 2018.

Program Committee Member

- The 57th Annual Meeting of the Association for Computational Linguistics (ACL), 2019.
- The 2019 Annual Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL-HLT), 2019.
- The 2018 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2018.
- The 27th International Conference on Computational Linguistics (COLING), 2018 (*Outstanding Reviewer Award*).

Secondary Reviewer

- ICML 2018, AAAI 2018, ACL 2016.

Presentations and Invited Talks

- “Reinforced Semi-Supervised Learning”, invited talk at LogMeIn Machine Learning Summit, Goleta, CA, July 17th, 2018.
- “Reinforced Semi-Supervised Learning”, invited online talk at The Jiangmen, China, June 14th, 2018.

Teaching Experience

- University of California, Santa Barbara, Spring 2018
Teaching Assistant, CS165B, *Machine Learning*
- Tsinghua XuetangX, Fall 2015
Teaching Assistant, MOOC, *Introduction to C++ Programming*