LU Wei

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Experience

Editor-in-Chief   Jan 2024 – Present
Computational Linguistics (MIT Press; flagship journal in NLP)
Association for Computational Linguistics (ACL)

Full Professor (with Tenure)   Apr 2025 – Present
Associate Professor (with Tenure)   Sep 2019 – Mar 2025
Assistant Professor   Jun 2013 – Aug 2019
Singapore University of Technology and Design

Postdoctoral Research Associate   Oct 2011 – Jun 2013
University of Illinois at Urbana-Champaign, United States.

Research Fellow   Aug 2009 – Sep 2011
National University of Singapore

Visiting Scholar   Sep 2007 – May 2008
Massachusetts Institute of Technology, United States.

Education

National University of Singapore (Singapore-MIT Alliance), Republic of Singapore

    Ph.D, Computer Science, Nov 2009   M.Sc, Computer Science, Jun 2006

National University of Singapore, Republic of Singapore

    B.Comp (*First-class Honors*), Computer Science, May 2005

Selected Honors & Awards

Distinguished Professor, ST Engineering, Singapore   2024

Outstanding Paper Award, EMNLP 2023 (29 awards out of 4,909 main submissions)   2023

Area Chair Award, ACL 2023 (*1/236 submitted papers within "Resources & Evaluation" area*)   2023

Notable Area Chair, ICLR 2023 (*26/410 area chairs*)   2023

Top 2% Scientists in a Global List by Stanford University   2021, 2022, 2023

Best System Paper Award, SemEval 2022 (*1/221 accepted system papers*)   2022

High-level Overseas Talent, Shanghai, China   2020

CSRankings: Globally ranked 4th in NLP (Adj. # score 9.3, benchmarked during P&T)   2017–2019

President's Special Recognition, Singapore University of Technology and Design   2018-2019

Best Reviewer Award, ACL 2018   2018

Best Paper Award, EMNLP 2011 (*1/628 submitted papers*)   2011

Dean's Graduate Research Excellence Award, SoC, National University of Singapore   2009–2010

Research Achievement Award, SoC, National University of Singapore   2008–2009

President's Fellowship, National University of Singapore   2006–2007

Singapore-MIT Alliance Scholarship   2005-2006, 2006–2009

Dean's List, SoC, National University of Singapore   2001–2002, 2002–2003, 2003–2004, 2004–2005

Singapore MOE Undergraduate Scholarship   2000-2005

1st Prize, National Mathematical Olympiad Competition, China (*Perfect score* in 1996)   1995, 1996

Publications   Note: In Computer Science, ACL (Rank A*, according to CORE ranking), EMNLP (Rank A*), and NAACL (Rank A) are the top-3 conferences in natural language processing (NLP). Computational Linguistics (CL) is the flaghship journal in the field of NLP (Rank A*).

Conferences	$<$2019	$\geq$2019	Total
Rank A*	33	38	**71**
Rank A	3	6	**9**
Total	**36**	**44**	**80**

Table 1: Statistics of conference publications

I highlight the first author of each paper, who was (is) either a) my PhD/UG student, b) a visiting/internship student, or c) my research assistant/postdoc. I joined SUTD in June 2013, and though the PhD program at SUTD began in Sep 2013, I did not accept my first PhD student until Sep 2015.

In the field of NLP, over the past decade (2014–2024), we are ranked 11th internationally, with a score of 21.1. Source: https://csrankings.org/#/index?nlp&world. Our overall score in CSRankings is 25.4, which ranks us 3rd among all computer science researchers in Singapore. Source: https://csrankings.org/#/index?all&asia. (Information as of 2 May 2024, compiled when preparing for recent SUTD promotion).

Major Publications

1. *Opening a New Chapter for Computational Linguistics* (2025)
   Wei Lu

   - In **CL'25**: Computational Linguistics, 51(1).
     Editorial: Setting a New Vision for *Computational Linguistics* on Its 50th Anniversary.

2. *Self-harmonized Chain of Thought* (2025)
   Ziqi Jin[c], and **Wei Lu**

   - In **NAACL'25**: Proceedings of the 2025 Annual Conference of the Nations of the Americas Chapter of the Association for Computational Linguistics.

3. *Constrained Layout Generation with Factor Graphs* (2024)
   Mohammed Haroon Dupty, Yanfei Dong, Sicong Leng, Guoji Fu, Yong Liang Goh, **Wei Lu**, and Wee Sun Lee

   - In **CVPR'24**: Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition.

4. *Sailor: Open Language Models for South-East Asia* (2024)
   Longxu Dou, Qian Liu, Guangtao Zeng, Jia Guo, Jiahui Zhou, **Wei Lu**, and Min Lin

   - In **EMNLP'24**: Proceedings of the 2023 Conference on Empirical Methods in Natural Language Processing (Demonstrations).

5. *Self-Training with Direct Preference Optimization Improves Chain-of-Thought Reasoning* (2024)
   Tianduo Wang[a], Shichen Li, **Wei Lu**

   - In **ACL'24**: Proceedings of the 61st Annual Meeting of the Association for Computational Linguistics.

6. *Generative Models are Self-Watermarked: Declaring Model Authentication through Re-Generation* (2024)
   Aditya Desu, Xuanli He, Qiongkai Xu, and **Wei Lu**

   - In **TMLR'24**: Transactions on Machine Learning Research

7. *TinyLlama: An Open-Source Small Language Model* (2024)
   Peiyuan Zhang[c], Guangtao Zeng[a], Tianduo Wang, **Wei Lu**

   - **Technical Report**. arXiv:2401.02385
     TinyLlama has >8K stars on GitHub, and was ranked #1 on Hugging Face (for about 1 week). It has >300 citations and the model has >1M monthly downloads (as of Mar 2025).

8. *Unraveling Feature Extraction Mechanisms in Neural Networks* (2023)
Xiaobing Sun[a], Jiaxi Li, and **Wei Lu**

   - In **EMNLP'23**: Proceedings of the 2023 Conference on Empirical Methods in Natural Language Processing.
   Outstanding Paper Award: 29/4909=0.59% at main conference.

9. *Masked Language Models are Implicit Constituency Parsers* (2023)
Jiaxi Li[a], and **Wei Lu**

   - In **ACL'23**: Proceedings of the 61st Annual Meeting of the Association for Computational Linguistics.

10. *Learning Multi-Step Reasoning by Solving Arithmetic Tasks* (2023)
Tianduo Wang[a], and **Wei Lu**

    - In **ACL'23**: Proceedings of the 61st Annual Meeting of the Association for Computational Linguistics.

11. *One Network, Many Masks: Towards More Parameter-Efficient Transfer Learning* (2023)
Guangtao Zeng[a], Peiyuan Zhang and **Wei Lu**

    - In **ACL'23**: Proceedings of the 61st Annual Meeting of the Association for Computational Linguistics.

12. *Tell2Design: A Dataset for Language-Guided Floor Plan Generation* (2023)
Sicong Leng[a], Yang Zhou, Mohammed Haroon Dupty, Wee Sun Lee, Sam C. Joyce and **Wei Lu**

    - In **ACL'23**: Proceedings of the 61st Annual Meeting of the Association for Computational Linguistics.
    Area Chair Award: 1/236=0.42% within "Resources & Evaluation" area.

13. *Towards Hard Few-Shot Relation Classification* (2023)
Jiale Han[b], Bo Cheng, Zhiguo Wan, and **Wei Lu**

    - In **TKDE'23**: IEEE Transactions on Knowledge and Data Engineering, pages 1–14.

14. *Differentiable Data Augmentation for Contrastive Sentence Representation Learning* (2022)
Tianduo Wang[a] and **Wei Lu**

    - In **EMNLP'22**: Proceedings of the 2022 Conference on Empirical Methods in Natural Language Processing, pages 7640–7653.

15. *Better Few-Shot Relation Extraction with Label Prompt Dropout* (2022)
Peiyuan Zhang[a] and **Wei Lu**

    - In **EMNLP'22**: Proceedings of the 2022 Conference on Empirical Methods in Natural Language Processing, pages 6996–7006 .

16. *Unsupervised Non-transferable Text Classification* (2022)
Guangtao Zeng[a] and **Wei Lu**

    - In **EMNLP'22**: Proceedings of the 2022 Conference on Empirical Methods in Natural Language Processing, pages 10071–10084.

17. *Implicit N-grams Induced by Recurrence* (2022)
Xiaobing Sun[a] and **Wei Lu**

    - In **NAACL'22**: Proceedings of the 2022 Annual Conference of the North American Chapter of the Association for Computational Linguistics, pages 1624–1639.

18. *Math Word Problem Solving as Complex Relation Extraction* (2022)
Zhanming Jie[a], Jierui Li and **Wei Lu**

    - In **ACL'22**: Proceedings of the 60th Annual Meeting of the Association for Computational Linguistics, pages 5944–5955.

19. *DAMO-NLP at SemEval-2022 Task 11: A Knowledge-based System for Multilingual Named Entity Recognition* (2022)
Xinyu Wang[b], Yongliang Shen, Jiong Cai, Tao Wang, Xiaobin Wang, Pengjun Xie, Fei Huang, Weiming Lu, Yueting Zhuang, Kewei Tu, **Wei Lu**, Yong Jiang

- In **SemEval'22**: Proceedings of the 2022 International Workshop on Semantic Evaluation.
  Best System Paper Award: 1/221=0.45% among accepted papers.
  (SemEval is the primary forum for semantic evaluation in NLP)

20. *To be Closer: Learning to Link up Aspects with Opinions* (2021)
    Yuxiang Zhou[b], Lejian Liao, Yang Gao, Zhanming Jie and **Wei Lu**

    - In **EMNLP'21**: Proceedings of the 2021 Conference on Empirical Methods in Natural Language Processing, pages 3899–3909.

21. *Exploring Task Difficulty for Few-Shot Relation Extraction* (2021)
    Jiale Han[b], Bo Cheng and **Wei Lu**

    - In **EMNLP'21**: Proceedings of the 2021 Conference on Empirical Methods in Natural Language Processing, pages 2605–2616.

22. *Uncovering Main Causalities for Long-tailed Information Extraction* (2021)
    Guoshun Nan[c], Jiaqi Zeng, Rui Qiao, Zhijiang Guo and **Wei Lu**

    - In **EMNLP'21**: Proceedings of the 2021 Conference on Empirical Methods in Natural Language Processing, pages 9683–9695.

23. *Mixed Cross Entropy Loss for Neural Machine Translation* (2021)
    Haoran Li[a] and **Wei Lu**

    - In **ICML'21**: Proceedings of the 38th International Conference on Machine Learning, pages 6425–6436.
      (Accepted as long talk with acceptance rate: 166/5,513=3%)

24. *Interventional Video Grounding with Dual Contrastive Learning* (2021)
    Guoshun Nan[c], Rui Qiao, Yao Xiao, Jun Liu, Sicong Leng, Hao Zhang, **Wei Lu**

    - In **CVPR'21**: Proceedings of the IEEE Conference on Computer Vision and Pattern Recognition, pages 2765–2775.

25. *Better Feature Integration for Named Entity Recognition* (2021)
    Lu Xu[a], Zhanming Jie, **Wei Lu** and Lidong Bing

    - In **NAACL'21**: Proceedings of the 2021 Annual Conference of the North American Chapter of the Association for Computational Linguistics, pages 3457–3469.

26. *Two are Better Than One: Joint Entity and Relation Extraction with Table-Sequence Encoders* (2020)
    Jue Wang[b] and **Wei Lu**

    - In **EMNLP'20**: Proceedings of the 2020 Conference on Empirical Methods in Natural Language Processing, pages 1706–1721.

27. *Pre-training for Abstractive Document Summarization by Reinstating Source Text* (2020)
    Yanyan Zou[a], Xingxing Zhang, **Wei Lu**, Furu Wei and Ming Zhou

    - In **EMNLP'20**: Proceedings of the 2020 Conference on Empirical Methods in Natural Language Processing, pages 3646–3660.

28. *Position-Aware Tagging for Aspect Sentiment Triplet Extraction* (2020)
    Lu Xu[a], Hao Li, **Wei Lu** and Lidong Bing

    - In **EMNLP'20**: Proceedings of the 2020 Conference on Empirical Methods in Natural Language Processing, pages 1187–1197.

29. *Aspect Based Sentiment Analysis with Aspect-Specific Opinion Spans* (2020)
    Lu Xu[a], Lidong Bing, **Wei Lu** and Fei Huang

    - In **EMNLP'20**: Proceedings of the 2020 Conference on Empirical Methods in Natural Language Processing, pages 3561–3567.

30. *Lightweight, Dynamic Graph Convolutional Networks for AMR-to-Text Generation* (2020)
    Zhijiang Guo[a], Yan Zhang, Zhiyang Teng, **Wei Lu**, Shay B. Cohen, Zuozhu Liu, Lidong Bing

    - In **EMNLP'20**: Proceedings of the 2020 Conference on Empirical Methods in Natural Language Processing, pages 2162–2172.

31. *Re-examining the Role of Schema Linking in Text-to-SQL* (2020)
Wenqiang Lei, Weixin Wang, Zhixin Ma, Tian Gan, **Wei Lu**, Min-Yen Kan and Tat-Seng Chua

   - In **EMNLP'20**: Proceedings of the 2020 Conference on Empirical Methods in Natural Language Processing, pages 6943–6954.

32. *Knowledge Graph Empowered Entity Description Generation* (2020)
Liying Cheng[a], Dekun Wu, Lidong Bing, Yan Zhang, Zhanming Jie, **Wei Lu** and Luo Si

   - In **EMNLP'20**: Proceedings of the 2020 Conference on Empirical Methods in Natural Language Processing, pages 1187–1197.

33. *Argument Pair Extraction from Peer Review and Rebuttal via Multi-task Learning* (2020)
Liying Cheng[a], Lidong Bing, Qian Yu, **Wei Lu** and Luo Si

   - In **EMNLP'20**: Proceedings of the 2020 Conference on Empirical Methods in Natural Language Processing, pages 7000–7011.

34. *Understanding Attention for Text Classification* (2020)
Xiaobing Sun[a] and **Wei Lu**

   - In **ACL'20**: Proceedings of the 58th Annual Meeting of the Association for Computational Linguistics, pages 3418–3428.

35. *Reasoning with Latent Structure Refinement for Document-Level Relation Extraction* (2020)
Guoshun Nan[c], Zhijiang Guo, Ivan Sekulić and **Wei Lu**

   - In **ACL'20**: Proceedings of the 58th Annual Meeting of the Association for Computational Linguistics, pages 1546–1557.

36. *Learning Latent Forests for Medical Relation Extraction* (2020)
Zhijiang Guo[a], Guoshun Nan, **Wei Lu** and Shay B. Cohen

   - In **IJCAI'20**: Proceedings of the International Joint Conference on Artificial Intelligence, pages 3651–3657.

37. *Attention-based Context Aware Reasoning for Situation Recognition* (2020)
Thilini Cooray[a], Ngai-Man Cheung and **Wei Lu**

   - In **CVPR'20**: Proceedings of the IEEE Conference on Computer Vision and Pattern Recognition, pages 4735–4744.

38. *Knowing What, How and Why: A Near Complete Solution for Aspect-based Sentiment Analysis* (2020)
Haiyun Peng, Lu Xu, Lidong Bing, Fei Huang, **Wei Lu** and Luo Si

   - In **AAAI'20**: Proceedings of the 34th AAAI Conference on Artificial Intelligence, pages 8600–8607.

39. *Learning Explicit and Implicit Structures for Targeted Sentiment Analysis* (2019)
Hao Li[a] and **Wei Lu**

   - In **EMNLP'19**: Proceedings of the 2019 Conference on Empirical Methods in Natural Language Processing, pages 5481–5491.

40. *Text2Math: End-to-end Parsing Text into Math Expressions* (2019)
Yanyan Zou[a] and **Wei Lu**

   - In **EMNLP'19**: Proceedings of the 2019 Conference on Empirical Methods in Natural Language Processing, pages 5330–5340.

41. *Dependency-Guided LSTM-CRF for Named Entity Recognition* (2019)
Zhanming Jie[a] and **Wei Lu**

   - In **EMNLP'19**: Proceedings of the 2019 Conference on Empirical Methods in Natural Language Processing, pages 3853–3863.

42. *Aligning Cross-lingual Entities with Multi-Aspect Information* (2019)
Hsiu-Wei Yang, Yanyan Zou[a], Peng Shi, **Wei Lu**, Jimmy Lin and Xu Sun

   - In **EMNLP'19**: Proceedings of the 2019 Conference on Empirical Methods in Natural Language Processing, pages 4422–4432.

43. *Combining Spans into Entities: A Neural Two-Stage Approach for Recognizing Discontiguous Entities* (2019)
Bailin Wang[a] and **Wei Lu**

   - In **EMNLP'19**: Proceedings of the 2019 Conference on Empirical Methods in Natural Language Processing, pages 6217–6225.

44. *Attention Guided Graph Convolutional Networks for Relation Extraction* (2019)
Zhijiang Guo[a], Yan Zhang and **Wei Lu**

   - In **ACL'19**: Proceedings of the 57th Annual Meeting of the Association for Computational Linguistics, pages 241–251.

45. *A Neural Multi-digraph Model for Chinese NER with Gazetteers* (2019)
Ruixue Ding, Pengjun Xie, Xiaoyan Zhang, **Wei Lu**, Linlin Li and Luo Si

   - In **ACL'19**: Proceedings of the 57th Annual Meeting of the Association for Computational Linguistics, pages 1462–1467.

46. *Twitter Homophily: Network Based Prediction of User's Occupation* (2019)
Jiaqi Pan[b], Rishabh Bhardwaj, **Wei Lu**, Hai Leong Chieu, Xinghao Pan and Ni Yi Puay

   - In **ACL'19**: Proceedings of the 57th Annual Meeting of the Association for Computational Linguistics, pages 2633–2638.

47. *Quantity Tagger: A Latent-Variable Sequence Labeling Approach to Solving Addition-Subtraction Word Problems* (2019)
Yanyan Zou[a] and **Wei Lu**

   - In **ACL'19**: Proceedings of the 57th Annual Meeting of the Association for Computational Linguistics, pages 5246–5251.

48. *Densely Connected Graph Convolutional Networks for Graph-to-Sequence Learning* (2019)
Zhijiang Guo[a], Yan Zhang, Zhiyang Teng and **Wei Lu**

   - In **TACL'19**: Transactions of the Association for Computational Linguistics, 2019 (Mar), pages 297–312.

49. *Neural Chinese Address Parsing* (2019)
Hao Li[a], **Wei Lu**, Pengjun Xie and Linlin Li

   - In **NAACL'19**: Proceedings of the 2019 Annual Conference of the North American Chapter of the Association for Computational Linguistics, pages 3421–3431.

50. *Joint Detection and Location of English Puns* (2019)
Yanyan Zou[a] and **Wei Lu**

   - In **NAACL'19**: Proceedings of the 2019 Annual Conference of the North American Chapter of the Association for Computational Linguistics, pages 2117–2123.

51. *Better Modeling of Incomplete Annotations for Named Entity Recognition* (2019)
Zhanming Jie[a], Pengjun Xie, **Wei Lu**, Ruixue Ding and Linlin Li

   - In **NAACL'19**: Proceedings of the 2019 Annual Conference of the North American Chapter of the Association for Computational Linguistics, pages 729–734.

52. *Better Transition-Based AMR Parsing with a Refined Search Space* (2018)
Zhijiang Guo[a] and **Wei Lu**

   - In **EMNLP'18**: Proceedings of the 2018 Conference on Empirical Methods in Natural Language Processing, pages 1712–1722.

53. *Dependency-based Hybrid Trees for Semantic Parsing* (2018)
Zhanming Jie[a] and **Wei Lu**

   - In **EMNLP'18**: Proceedings of the 2018 Conference on Empirical Methods in Natural Language Processing, pages 2431–2441.

54. *Neural Adaptation Layers for Cross-domain Named Entity Recognition* (2018)
Bill Yuchen Lin[b] and **Wei Lu**

- In **EMNLP'18**: Proceedings of the 2018 Conference on Empirical Methods in Natural Language Processing, pages 2012–2022.

55. *Neural Segmental Hypergraphs for Overlapping Mention Recognition* (2018)
Bailin Wang[b] and **Wei Lu**

    - In **EMNLP'18**: Proceedings of the 2018 Conference on Empirical Methods in Natural Language Processing, pages 204–214.

56. *A Neural Transition-based Model for Nested Mention Recognition* (2018)
Bailin Wang[b], **Wei Lu**, Yu Wang and Hongxia Jin

    - In **EMNLP'18**: Proceedings of the 2018 Conference on Empirical Methods in Natural Language Processing, pages 1011–1017.

57. *Learning Cross-lingual Distributed Logical Representations for Semantic Parsing* (2018)
Yanyan Zou[a] and **Wei Lu**

    - In **ACL'18**: Proceedings of the 56th Annual Meeting of the Association for Computational Linguistics, vol 2, pages 673–679.

58. *Learning with Structured Representations for Negation Scope Extraction* (2018)
Hao Li[a] and **Wei Lu**

    - In **ACL'18**: Proceedings of the 56th Annual Meeting of the Association for Computational Linguistics, vol 2, pages 533–539.

59. *Learning Latent Opinions for Aspect-level Sentiment Classification* (2018)
Bailin Wang[b] and **Wei Lu**

    - In **AAAI'18**: Proceedings of the 32nd AAAI Conference on Artificial Intelligence, pages 5537–5544.

60. *Learning Chinese Word Embeddings with Stroke n-gram Information* (2018)
Shaosheng Cao[b], **Wei Lu**, Jun Zhou and Xiaolong Li

    - In **AAAI'18**: Proceedings of the 32nd AAAI Conference on Artificial Intelligence, pages 5053–5061.

61. *Labeling Gaps between Words: Recognizing Overlapping Mentions with Mention Separators* (2017)
Aldrian Obaja Muis[c] and **Wei Lu**

    - In **EMNLP'17**: Proceedings of the 2017 Conference on Empirical Methods in Natural Language Processing, pages 2608–2618.

62. *A Simple Regularization-based Algorithm for Learning Cross-Domain Word Embeddings* (2017)
Wei Yang[b], **Wei Lu** and Vincent Zheng

    - In **EMNLP'17**: Proceedings of the 2017 Conference on Empirical Methods in Natural Language Processing, pages 2898–2904.

63. *Topical Coherence in LDA-based Models through Induced Segmentation* (2017)
Hesam Amoualian[b], **Wei Lu**, Eric Gaussier, Massih-Reza Amini, Georgios Balikas, Marianne Clausel

    - In **ACL'17**: Proceedings of the 55th Annual Meeting of the Association for Computational Linguistics, pages 1799–1809.

64. *MalwareTextDB: A Database for Annotated Malware Articles* (2017)
Swee Kiat Lim[b], Aldrian Obaja Muis, **Wei Lu** and Chen Hui Ong

    - In **ACL'17**: Proceedings of the 55th Annual Meeting of the Association for Computational Linguistics, pages 1557–1567.

65. *Neural Architectures for Multilingual Semantic Parsing* (2017)
Raymond Hendy Susanto[c] and **Wei Lu**

    - In **ACL'17**: Proceedings of the 55th Annual Meeting of the Association for Computational Linguistics, vol 2, pages 38–44.

66. *A Probabilistic Geographical Aspect-Opinion Model for Geo-tagged Microblogs* (2017)
Aman Ahuja[b], Wei Wei, **Wei Lu**, Kathleen M. Carley, and Chandan Reddy

- In **ICDM'17**: The 2017 IEEE International Conference on Data Mining, pages 721–726.

67. *Learning Latent Sentiment Scopes for Entity-Level Sentiment Analysis* (2017)
Hao Li[a] and **Wei Lu**

    - In **AAAI'17**: Proceedings of the 31st AAAI Conference on Artificial Intelligence, pages 3482–3489.

68. *Efficient Dependency-Guided Named Entity Recognition* (2017)
Zhanming Jie[a], Aldrian Obaja Muis and **Wei Lu**

    - In **AAAI'17**: Proceedings of the 31st AAAI Conference on Artificial Intelligence, pages 3457-3465.

69. *Semantic Parsing with Neural Hybrid Trees* (2017)
Raymond Hendy Susanto[c] and **Wei Lu**

    - In **AAAI'17**: Proceedings of the 31st AAAI Conference on Artificial Intelligence, pages 3309-3315.

70. *Improving Word Embeddings with Convolutional Feature Learning and Subword Information* (2017)
Shaosheng Cao[c] and **Wei Lu**

    - In **AAAI'17**: Proceedings of the 31st AAAI Conference on Artificial Intelligence, pages 3144–3151.

71. *Learning to Recognize Discontiguous Entities* (2016)
Aldrian Obaja Muis[c] and **Wei Lu**

    - In **EMNLP'16**: Proceedings of the 2016 Conference on Empirical Methods in Natural Language Processing, , pages 75–84.

72. *A General Regularization Framework for Domain Adaptation* (2016)
Wei Lu, Hai Leong Chieu and Jonathan Löfgren

    - In **EMNLP'16**: Proceedings of the 2016 Conference on Empirical Methods in Natural Language Processing, pages 950–954.

73. *Learning to Capitalize with Character-Level Recurrent Neural Networks: An Empirical Study* (2016)
Raymond Hendy Susanto[c], Hai Leong Chieu and **Wei Lu**

    - In **EMNLP'16**: Proceedings of the 2016 Conference on Empirical Methods in Natural Language Processing, pages 2090–2095.

74. *Improving Semantic Parsing with Enriched Synchronous Context-Free Grammars in Statistical Machine Translation* (2016)
Junhui Li, Muhua Zhu, **Wei Lu** and Guodong Zhou

    - In **TALLIP'16**: ACM Transactions on Asian and Low-Resource Language Information Processing. Volume 16 Issue 1.

75. *Weak Semi-Markov CRFs for Noun Phrase Chunking in Informal Text* (2016)
Aldrian Obaja Muis[c] and **Wei Lu**

    - In **NAACL'16**: Proceedings of the 15th Annual Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies, pages 714–719.

76. *Deep Neural Networks for Learning Graph Representations* (2016)
Shaosheng Cao[b], **Wei Lu** and Qiongkai Xu

    - In **AAAI'16**: Proceedings of the 30th AAAI Conference on Artificial Intelligence, pages 1145-1152.

77. *Joint Mention Extraction and Classification with Mention Hypergraphs* (2015)
Wei Lu and Dan Roth

    - In **EMNLP'15**: Proceedings of the 2015 Conference on Empirical Methods in Natural Language Processing, pages 857–867.

78. *Improving Semantic Parsing with Enriched Synchronous Context-Free Grammar* (2015)
Junhui Li, Muhua Zhu, **Wei Lu** and Guodong Zhou

- In **EMNLP'15**: Proceedings of the 2015 Conference on Empirical Methods in Natural Language Processing, pages 1455–1465.

79. *GraRep: Learning Graph Representations with Global Structural Information* (2015)
Shaosheng Cao[b], **Wei Lu** and Qiongkai Xu

- In **CIKM'15**: Proceedings of the 24th ACM International Conference on Information and Knowledge Management, pages 891-900.
Five-Year Most Cited Paper (Google Scholar; twice): 2014–2019, 2015–2020

80. *Constrained Semantic Forests for Improved Discriminative Semantic Parsing* (2015)
Wei Lu

- In **ACL'15**: Proceedings of the 53rd Annual Meeting of the Association for Computational Linguistics and the 7th International Joint Conference on Natural Language Processing, pages 737–742.

81. *Semantic Parsing with Relaxed Hybrid Trees* (2014)
Wei Lu

- In **EMNLP'14**: Proceedings of the 2014 Conference on Empirical Methods in Natural Language Processing, pages 1308–1318.

82. *Multilingual Semantic Parsing: Parsing Multiple Languages into Semantic Representations* (2014)
Zhanming Jie[b] and **Wei Lu**

- In **COLING'14**: Proceedings of the 25th International Conference on Computational Linguistics, pages 1291–1301.

83. *Automatic Event Extraction with Structured Preference Modeling* (2012)
Wei Lu and Dan Roth

- In **ACL'12**: Proceedings of the 50th Annual Meeting of the Association for Computational Linguistics, pages 835–844.

84. *Joint Inference for Event Timeline Construction* (2012)
Quang Do, **Wei Lu**, and Dan Roth

- In **EMNLP'12**: Proceedings of the 2012 Joint Conference on Empirical Methods in Natural Language Processing and Computational Natural Language Learning, pages 677–687.

85. *A Probabilistic Forest-to-String Model for Language Generation from Typed Lambda Calculus Expressions* (2011)
Wei Lu and Hwee Tou Ng

- In **EMNLP'11**: Proceedings of the 2011 Conference on Empirical Methods in Natural Language Processing, pages 1611–1622.
Best Paper Award: 1/628=0.16%

86. *Better Punctuation Prediction with Dynamic Conditional Random Fields* (2010)
Wei Lu and Hwee Tou Ng

- In **EMNLP'10**: Proceedings of the 2010 Conference on Empirical Methods in Natural Language Processing, pages 177–186.

87. *Natural Language Generation with Tree Conditional Random Fields* (2009)
Wei Lu, Hwee Tou Ng and Wee Sun Lee

- In **EMNLP'09**: Proceedings of the 2009 Conference on Empirical Methods in Natural Language Processing, pages 400–409.

88. *A Generative Model for Parsing Natural Language to Meaning Representations* (2008)
Wei Lu, Hwee Tou Ng, Wee Sun Lee and Luke S. Zettlemoyer

- In **EMNLP'08**: Proceedings of the 2008 Conference on Empirical Methods in Natural Language Processing, pages 783–792.

Other Publications

89. Haoran Li, Zhanming Jie, **Wei Lu** (2024) Non-Autoregressive Machine Translation as Constrained HMM.
In **ACL'24 (Findings)**: Findings of the Association for Computational Linguistics: ACL

90. Jasmine Chiat Ling Ong, Shelley Yin-Hsi Chang, Wasswa William, Atul J. Butte, Nigam H. Shah, Lita Sui Tjien Chew, Nan Liu, Finale Doshi-Velez, **Wei Lu**, Julian Savulescu, Daniel Shu Wei Ting. *Ethical and Regulatory Challenges of Large Language Models in Medicine.* The Lancet Digital Health, vol. 6, no. 6 (2024): e428-e432.

91. Yang, Rui, Ting Fang Tan, **Wei Lu**, Arun James Thirunavukarasu, Daniel Shu Wei Ting, and Nan Liu. (2023) *Large language models in health care: Development, applications, and challenges.* Health Care Science 2, No. 4 (2023): 255-263.
High Impact Paper Award

92. Haoran Li, Yiran Liu, Xingxing Zhang, Wei Lu, Furu Wei (2023) *Tuna: Instruction Tuning using Feedback from Large Language Models*
In **EMNLP'23 (Findings)**: Findings of the Association for Computational Linguistics: EMNLP

93. Yao Xiao, Lu Xu, Jiaxi Li, **Wei Lu**, Xiaoli Li (2023) *Decomposed Prompt Tuning via Low-Rank Reparameterization.*
In **EMNLP'23 (Findings)**: Findings of the Association for Computational Linguistics: EMNLP

94. Ziqi Jin and **Wei Lu** (2023) *Tab-CoT: Zero-shot Tabular Chain of Thought.*
In **ACL'23 (Findings)**: Findings of the Association for Computational Linguistics: ACL

95. Zhanming Jie and **Wei Lu** (2023) *Leveraging Training Data in Few-Shot Prompting for Numerical Reasoning.*
In **ACL'23 (Findings)**: Findings of the Association for Computational Linguistics: ACL

96. Lu Xu, Lidong Bing and **Wei Lu** (2023) *Sampling Better Negatives for Distantly Supervised Named Entity Recognition.*
In **ACL'23 (Findings)**: Findings of the Association for Computational Linguistics: ACL

97. Xinyu Wang, Jiong Cai, Yong Jiang, Pengjun Xie, Kewei Tu, **Wei Lu** (2022) *Named Entity and Relation Extraction with Multi-Modal Retrieval*
In **EMNLP'22 (Findings)**: Findings of the Association for Computational Linguistics: EMNLP

98. Jiale Han, Shuai Zhao, Bo Cheng, Shengkun Ma, **Wei Lu** (2022) *Generative Prompt Tuning for Relation Classification.*
In **EMNLP'22 (Findings)**: Findings of the Association for Computational Linguistics: EMNLP

99. Hao Zhou, Weidong Ren, Gongshen Liu, Bo Su, **Wei Lu** (2021) *Entity-Aware Abstractive Multi-Document Summarization.*
In **ACL'21 (Findings)**: Findings of the Association for Computational Linguistics: ACL

100. Jong C. Park, Yuki Arase, Baotian Hu, **Wei Lu**, Derry Wijaya, Ayu Purwarianti, Adila Alfa Krisnadhi (Eds.) *Proceedings of the 13th International Joint Conference on Natural Language Processing and the 3rd Conference of the Asia-Pacific Chapter of the Association for Computational Linguistics. IJCNLP-AACL 2023, Nusa Dua, Bali, Indonesia, November 1 – 4, 2023, ISBN 979-8-89176-013-4*

101. **Wei Lu**, Shujian Huang, Yu Hong, Xiabing Zhou (Eds.) (2022) *Lecture Notes in Computer Science (LNCS, volume 13551): Lecture Notes in Artificial Intelligence (LNAI): Natural Language Processing and Chinese Computing. 11th CCF International Conference, NLPCC 2022, Guilin, China, September 24 – 25, 2022, ISBN 978-3-031-17120-8*

102. **Wei Lu** and Kenny Q Zhu (Eds.) (2020) *Trends and Applications in Knowledge Discovery and Data Mining: PAKDD 2020 Workshops. Singapore, May 11–14, 2020, ISBN 978-3-030-60470-7*

103. Eduardo Blanco and **Wei Lu** (Eds.) (2018) *Proceedings of the 2018 Conference on Empirical Methods in Natural Language Processing, EMNLP 2018: System Demonstrations, Brussels, Belgium, October 31 – November 4, 2018. Association for Computational Linguistics 2018, ISBN 978-1-948087-85-8*

104. Peter Phandi, Amila Silva, and **Wei Lu** (2018) *SemEval-2018 Task 8: Semantic Extraction from CybersecUrity Reports using Natural Language Processing (SecureNLP)*
In **SemEval'18**: International Workshop on Semantic Evaluation 2018, pages 697 – 706.

105. Chu Guo, Zhanming Jie, **Wei Lu** and Dario Poletti (2018) *Matrix product operators for sequence-to-sequence learning.*
In **Physical Review E**, Vol. 98, No. 4.

106. Roozbeh Sanaei, **Wei Lu**, Luciënne Blessing, Kevin Otto, Kristin Wood (2017) *Analogy Retrieval Through Textual Inference*
In **IDETC/CIE'17**: Proceedings of The ASME 2017 International Design Engineering Technical Conferences & Computers and Information in Engineering Conference. 12 pages.

107. **Wei Lu** (2017) Tutorial Abstract for "*A Unified Framework for Structured Prediction: From Theory to Practice*".
In **EMNLP'17 (Tutorial)**: Proceedings of the 2017 Conference on Empirical Methods in Natural Language Processing.

108. **Wei Lu** (2015) *Book Review for "Language Processing with Perl and Prolog: Theories, Implementation, and Application". Computational Linguistics 41(4)*

Selected Professional Activities

Conference Chairs

1. PC Co-Chair, The 13th International Joint Conference on Natural Language Processing and the 3rd Conference of the Asia-Pacific Chapter of the Association for Computational Linguistics (IJCNLP-AACL), 2023
2. PC Co-Chair, The 11th CCF International Conference on Natural Language Processing and Chinese Computing (NLPCC), 2022.
3. Senior Area Chair, 2025 Conference on Neural Information Processing Systems (NeurIPS), 2025
4. Senior Area Chair, The 2025 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2025.
5. Senior Area Chair, The Thirteenth International Conference on Learning Representations (ICLR), 2025.
6. Senior Area Chair, 2025 Annual Conference of the Nations of the Americas Chapter of the Association for Computational Linguistics (NAACL), 2025.
7. Senior Area Chair, The 2024 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2024.
8. Senior Area Chair, The 62nd Annual Meeting of the Association for Computational Linguistics (ACL), 2024.
9. Senior Area Chair, The 2024 Joint International Conference on Computational Linguistics, Language Resources and Evaluation (LREC-COLING), 2024.
10. Senior Area Chair, The 2022 Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL), 2022.
11. Senior Area Chair, The 60th Annual Meeting of the Association for Computational Linguistics (ACL), 2022.
12. Senior Area Chair, The 2021 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2021.
13. Area Chair, The 63rd Annual Meeting of the Association for Computational Linguistics (ACL), 2025.
14. Area Chair, The 2nd Conference on Language Modeling (COLM), 2025
15. Area Chair, 2024 Conference on Neural Information Processing Systems (NeurIPS), 2024
16. Area Chair, The 38th AAAI Conference on Artificial Intelligence (AAAI), 2024.
17. Area Chair, The Twelfth International Conference on Learning Representations (ICLR), 2024.
18. Area Chair, The 2023 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2023.
19. Area Chair, 2023 Conference on Neural Information Processing Systems (NeurIPS), 2023
20. Area Chair, The 61st Annual Meeting of the Association for Computational Linguistics (ACL), 2023.
21. Area Chair, The Eleventh International Conference on Learning Representations (ICLR), 2023.
22. Area Chair, The Thirty-Seventh AAAI Conference on Artificial Intelligence (AAAI), 2023.
23. Area Chair, The 2022 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2022.
24. Area Chair, The Thirty-Sixth AAAI Conference on Artificial Intelligence (AAAI), 2022.
25. Area Chair, The 14th Asian Conference on Machine Learning (ACML), Bangkok, Thailand, 2022.
26. Area Chair, The Joint Conference of the 59th Annual Meeting of the Association for Computational Linguistics and the 10th International Joint Conference on Natural Language Processing (ACL-IJCNLP), 2021.
27. Area Chair, The 2021 Conference of the North American Chapter of the Association for Computational Linguistics - Human Language Technologies (NAACL), 2021.

28. Area Chair, The 30th International Joint Conference on Artificial Intelligence (IJCAI), Canada, 2021.
29. Area Chair, The 20th China National Conference on Computational Linguistics (CCL), 2021
30. Area Chair, The International Conference on Natural Language Processing and Chinese Computing (NLPCC), 2020.
31. Area Chair, The 12th Asian Conference on Machine Learning (ACML), Bangkok, Thailand, 2020.
32. Area Chair, Annual Conference of the Asian Chapter of Association for Computational Linguistics (AACL), 2020.
33. Area Chair, Annual Conference of the Association for Computational Linguistics (ACL), 2020.
34. Area Chair, The 28th International Conference on Computational Linguistics (COLING), 2020.
35. Area Chair, Conference on Empirical Methods in Natural Language Processing and the International Joint Conference on Natural Language Processing (EMNLP-IJCNLP) 2019.
36. Area Chair, The 8th International Joint Conference on Natural Language Processing (IJCNLP), 2017.
37. Area Chair, The International Conference on Natural Language Processing and Chinese Computing (NLPCC), 2017.
38. Area Chair, The 54th Annual Meeting of the Association for Computational Linguistics (ACL), 2016.
39. Smart-City Day Chair, 16th ACM International Conference on Web Search and Data Mining (WSDM), 2023.
40. Industry Exhibits Chair, The 2022 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP), 2022.
41. Virtual Infrastructure Co-Chair, The Joint Conference of the 59th Annual Meeting of the Association for Computational Linguistics and the 10th International Joint Conference on Natural Language Processing (ACL-IJCNLP), 2021.
42. Publicity Co-Chair, The International Conference on Natural Language Processing and Chinese Computing (NLPCC), 2020.
43. Workshop Co-Chair, The Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD), Singapore, 2020.
44. General Chair, The 1st Annual Singapore Symposium on Natural Language Processing (SSNLP), 2018
45. Demonstration Co-Chair, The 2018 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2018
46. Publication Co-Chair, Annual Meeting of the Association for Computational Linguistics (ACL), 2018. (*Advisory Role*)
47. Session Co-Chair, Annual Meeting of the Association for Computational Linguistics (ACL), 2017. (*Outstanding Papers Session*)
48. Publication Co-Chair, Annual Meeting of the Association for Computational Linguistics (ACL), 2017.
49. Session Chair, The 2015 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2015
50. Workshop Co-Chair, The 6th Asian Conference on Machine Learning (ACML), Nha Trang City, Vietnam, 2014.

Other Major Conference Activities

1. PC Member, The 31st International Conference on Computational Linguistics (COLING), 2025
2. PC Member, The 2024 SIGNLL Conference on Computational Natural Language Learning (CONLL), 2024
3. Reviewer, The 1st Conference on Language Modeling (COLM), 2024
4. Reviewer, The 3rd Workshop on Mathematical Reasoning and AI (at NeurIPS), 2023
5. PC Member, The 2023 SIGNLL Conference on Computational Natural Language Learning (CoNLL), 2023
6. Reviewer, The 40th International Conference on Machine Learning (ICML), 2023
7. PC Member, The 61st Annual Meeting of the Association for Computational Linguistics (ACL) Demonstration, 2023
8. PC Member, The 17th Conference of the European Chapter of the Association for Computational Linguistics (EACL), 2023
9. Reviewer, The 26th International Conference on Artificial Intelligence and Statistics (AISTATS), 2023

10. Reviewer, The 2022 Neural Information Processing Systems Conference (NeurIPS), 2022
11. PC Member, The 11th Joint Conference on Lexical and Computational Semantics (*SEM), 2022
12. PC Member, The 45th International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR), 2022
13. Reviewer, The 25th International Conference on Artificial Intelligence and Statistics (AISTATS), 2022
14. Reviewer, The 10th International Conference on Learning Representations (ICLR), 2022
15. Reviewer, The 2021 Neural Information Processing Systems Conference (NeurIPS), 2021.
16. Senior PC Member, The 13th Asian Conference on Machine Learning (ACML), 2021.
17. Reviewer, The 38th International Conference on Machine Learning (ICML), 2021
18. PC Member, The 37th Conference on Uncertainty in Artificial Intelligence (UAI), 2021
19. Senior PC Member, Association for the Advancement of Artificial Intelligence (AAAI), 2021
20. Steering Committee Member, Semantic Evaluation (SemEval), 2021
21. PC Member, The IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2021
22. Reviewer, The 24th International Conference on Artificial Intelligence and Statistics (AISTATS), 2021
23. PC Member, The Conference on Empirical Methods in Natural Language Processing (EMNLP) Demonstration, 2021.
24. PC Member, The 2021 Conference of the North American Chapter of the Association for Computational Linguistics - Human Language Technologies (NAACL-HLT), System Demonstration, 2021
25. PC Member, The 2021 Conference of the European Chapter of the Association for Computational Linguistics (EACL), 2021
26. PC Member, The 10th Joint Conference on Lexical and Computational Semantics (*SEM), 2021
27. PC Member, The 5th WiNLP workshop, collocated with EMNLP, 2021
28. Senior PC Member, the 29th International Joint Conference on Artificial Intelligence (IJCAI), 2020.
29. PC Member, The 34th meeting of Pacific Asia Conference on Language, Information and Computation (PACLIC), 2020
30. Steering Committee Member, Semantic Evaluation (SemEval), 2020
31. PC Member, The 2020 SIGNLL Conference on Computational Natural Language Learning (CoNLL), 2020
32. PC Member, The 2020 Conference on Empirical Methods in Natural Language Processing (EMNLP), Demonstrations, 2020
33. PC Member, The 2020 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2020
34. PC Member, The 9th Joint Conference on Lexical and Computational Semantics (*SEM), 2020
35. PC Member, The 43rd International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR), 2020
36. PC Member, The 4th WiNLP workshop, collocated with ACL, 2020
37. PC Member, Association for the Advancement of Artificial Intelligence (AAAI), 2020
38. Reviewer, The 23rd International Conference on Artificial Intelligence and Statistics (AISTATS), 2020
39. Senior PC Member, the 28th International Joint Conference on Artificial Intelligence (IJCAI), 2019.
40. Senior PC Member, Association for the Advancement of Artificial Intelligence (AAAI), 2019.
41. PC Member, The Conference on Empirical Methods in Natural Language Processing and the International Joint Conference on Natural Language Processing (EMNLP-IJCNLP) Demonstration, 2019.
42. PC Member, The 2019 SIGNLL Conference on Computational Natural Language Learning (CoNLL), 2019
43. PC Member, The 57th Annual Meeting of the Association for Computational Linguistics (ACL), 2019
44. PC Member, The 57th Annual Meeting of the Association for Computational Linguistics (ACL) Demonstration, 2019
45. PC Member, The 8th Joint Conference on Lexical and Computational Semantics (*SEM), 2019
46. PC Member, The 42nd International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR), 2019

47. PC Member, The 2019 Conference of the North American Chapter of the Association for Computational Linguistics - Human Language Technologies (NAACL-HLT), 2019
48. Reviewer, The 36th International Conference on Machine Learning (ICML), 2019
49. Reviewer, The 22nd International Conference on Artificial Intelligence and Statistics (AISTATS), 2019
50. PC Member, The 8th Conference on Natural Language Processing and Chinese Computing (NLPCC), 2019
51. PC Member, The 3rd WiNLP workshop, collocated with ACL, 2019
52. PC Member, The 11th Asian Conference on Machine Learning (ACML), 2019
53. PC Member, The 2018 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2018
54. Reviewer, The 2018 Neural Information Processing Systems Conference (NIPS), 2018
55. PC Member, The 10th Asian Conference on Machine Learning (ACML), 2018
56. PC Member, The 32nd meeting of Pacific Asia Conference on Language, Information and Computation (PACLIC), 2018
57. PC Member, The 2018 SIGNLL Conference on Computational Natural Language Learning (CoNLL), 2018
58. PC Member, The 27th International Conference on Computational Linguistics (COLING), 2018
59. PC Member, The 2nd WiNLP workshop, collocated with NAACL-HLT, 2018
60. PC Member, The 41st International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR), 2018
61. PC Member, The 56th Annual Meeting of the Association for Computational Linguistics (ACL), 2018
62. PC Member, The 56th Annual Meeting of the Association for Computational Linguistics (ACL), Demonstrations, 2018
63. PC Member, The 2018 Conference of the North American Chapter of the Association for Computational Linguistics - Human Language Technologies (NAACL-HLT). 2018
64. PC Member, Association for the Advancement of Artificial Intelligence (AAAI), 2018
65. PC Member, The 7th Conference on Natural Language Processing and Chinese Computing (NLPCC), 2018
66. PC Member, The 2017 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2017
67. PC Member, The 55th Annual Meeting of the Association for Computational Linguistics (ACL) Demonstration, 2017
68. PC Member, The 6th Joint Conference on Lexical and Computational Semantics (*SEM), 2017
69. PC Member, The 9th Asian Conference on Machine Learning (ACML), 2017
70. PC Member, The 1st WiNLP workshop, collocated with ACL, 2017
71. PC Member, The 26th International Joint Conference on Artificial Intelligence (IJCAI), 2017
72. PC Member, The 15th Conference of the European Chapter of the Association for Computational Linguistics (EACL), 2017
73. PC Member, The 15th Conference of the European Chapter of the Association for Computational Linguistics (EACL): Student Research Workshop, 2017
74. PC Member, Association for the Advancement of Artificial Intelligence (AAAI), 2017
75. Reviewer, The 2016 Neural Information Processing Systems Conference (NIPS), 2016
76. PC Member, The 2016 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2016
77. Steering Committee Member, Semantic Evaluation (SemEval), 2016
78. PC Member, The 15th Annual Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL-HLT), 2016
79. PC Member, Association for the Advancement of Artificial Intelligence (AAAI), 2016
80. PC Member, ACL Student Research Workshop (ACL SRW), 2016
81. PC Member, Semantics-Driven Statistical Machine Translation: Theory and Practice (NAACL Workshop), 2016
82. PC Member, The 5th Conference on Natural Language Processing and Chinese Computing and the 24th International Conference on Computer Processing of Oriental Languages (NLPCC-ICCPOL), 2016
83. PC Member, The 15th China National Conference on Computational Linguistics (CCL), 2016
84. Reviewer, The 2015 Neural Information Processing Systems Conference (NIPS), 2015
85. PC Member, The 2015 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2015

86. PC Member, The 53rd Annual Meeting of the Association for Computational Linguistics and the 7th International Joint Conference on Natural Language Processing (ACL-IJCNLP), 2015
87. PC Member, The 4th Joint Conference on Lexical and Computational Semantics (*SEM), 2015
88. PC Member, Semantics-Driven Statistical Machine Translation: Theory and Practice (ACL Workshop), 2015
89. PC Member, ACL Student Research Workshop (ACL SRW), 2015
90. PC Member, The 2014 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2014
91. PC Member, The 52nd Annual Meeting of the Association for Computational Linguistics (ACL), 2014
92. PC Member, The 14th Conference of the European Chapter of the Association for Computational Linguistics (EACL), 2014
93. PC Member, The 51st Annual Meeting of the Association for Computational Linguistics (ACL), 2013
94. PC Member, The 23rd International Joint Conference on Artificial Intelligence (IJCAI), 2013
95. PC Member, Recent Advances in Natural Language Processing (RANLP), 2013
96. PC, The 2012 Conference on Empirical Methods on Natural Language Processing and Computational Natural Language Learning (EMNLP-CoNLL), 2012
97. PC Member, The 13th Conference of the European Chapter of the Association for Computational Linguistics (EACL), 2012
98. Senior PC Member, Association for the Advancement of Artificial Intelligence (AAAI), 2012.
99. PC Member, Association for the Advancement of Artificial Intelligence (AAAI), 2011

Journal Editors
1. Editor-in-Chief, Computational Linguistics (CL) (2024-2029)
2. Action Editor, Computational Linguistics (CL) (2020–2024)
3. Action Editor, Transactions of Association for Computational Linguistics (TACL) (2020–2024)
4. Senior Action Editor, ACL Rolling Review System (ARR)
5. Review Editor, Language and Computation, Frontiers in Artificial Intelligence

Other Major Journal Activities
1. Reviewer, Proceedings of the National Academy of Sciences (PNAS)
2. Reviewer, IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)
3. Reviewer, Machine Learning Journal
4. Reviewer, Journal of Natural Language Engineering
5. Reviewer, Computer Speech and Language
6. Reviewer, Neural Processing Letters
7. Reviewer, ACM Transactions on Intelligent Systems and Technology (TIST)
8. Reviewer, ACM Transactions on Knowledge Discovery from Data (TKDD)
9. Reviewer, IEEE Transactions on Neural Networks and Learning Systems (TNNLS)
10. Reviewer, IEEE Transactions on Knowledge and Data Engineering (TKDE)
11. Reviewer, Language Resources and Evaluation
12. Reviewer, Artificial Intelligence Review

Major University Services

Pillar/Department
1. Associate Head of Pillar (Research), ISTD, SUTD (2021 – 2025)
2. Associate Head of Pillar, ISTD, SUTD (2020 – 2021)
3. Chair, Tenure-Track Faculty Committee, ISTD, SUTD (2020 – now)
4. Chair, Research Committee, ISTD, SUTD (2020 – 2024)
5. ISTD representative, SUTD university accreditation committee (2015 – 2016)
6. Member, ISTD undergraduate committee (2014 – 2018)
7. Member, ISTD graduate committee (2018 – 2020)

University
1. Senior Fellow, SUTD Academy (2024 – now)
2. Fellow, DesignZ, SUTD (2024 – now)
3. Founding Member, Committee on SUTD New Degree Program – Design and Artificial Intelligence (DAI) (2019 – 2020)
4. Advisory Committee Member, SUTD Library and Information Services (2019 – now)

5. Evaluation Panel Member, SUTD Kickstarter Initiative (2022 – now)
6. Evaluation Panel, SMU-SUTD Joint Grant Call (2023 – now)
7. Evaluation Panel, A*-NTU-SUTD Joint Grant Call, 2018
8. Theme Lead, SUTD AI Program – Discovery by AI (2018 – now)
9. Co-Lead, TAE review committee, SUTD (2017 – 2020)
10. Member, Inbound exchange committee, SUTD (2016 – 2018)
11. Reviewer, UROP proposals, SUTD (2016 – now)

External Services

1. Member, AI Advisory Panel at ST Engineering, 2025 -
2. Chair, Advisory Committee, ACL's Computational Linguistics Dissertation Award, 2025 -
3. Invited Participant, NSF US-Southeast Asia Regional Workshop on Responsible Artificial Intelligence, 2025
4. Invited Participant, Shonan Meeting No 209: Empowering Local Open Source LLMs, Japan, 2024
5. Secretary, Asian Federation of Natural Language Processing (AFNLP), 2025 – 2026
6. Distinguished Professor, ST Engineering, 2024 – now
7. Executive Committee Member, Association for Computational Linguistics, 2024 – 2029
8. Technical Advisor for Foundation Model Development: AI Singapore, 2023 – 2024
9. External Evaluator Panel, Enterprise Development Grant (Co-Innovation Programme), Enterprise Singapore, 2024
10. Information Officers (*Elected*, representing Singapore), Association for Computational Linguistics (ACL) Special Interest Group on Chinese Language Processing (SIGHAN), 2023 – now
11. Consultant, Skywork Singapore, 2024
12. Consultant, ByteDance AI Lab Singapore, 2020, 2021
13. Expert Panel Member, DSTA Technical Competency Accreditation Panel (AI), 2020 – now
14. Executive Committee Member (Member-at-Large), Asian Federation of Natural Language Processing (AFNLP), 2022 – 2024
15. Overseas Member (*Elected*), Expert Committee, Natural Language Processing Technology of China Computer Federation (CCF), 2020 – now
16. Reviewer, AI Singapore PhD Fellowship Programme (Representing SUTD), 2023 –
17. Reviewer, QS World University Rankings, 2019, 2020, 2023
18. Reviewer, Times Higher Education World University Rankings, 2024
19. Program Committee Member, AI Singapore Grand Challenge, 2019
20. Proposal Reviewer, Singapore Maritime Institute, 2022
21. Proposal Reviewer, Israel Science Foundation, 2024
22. Proposal Reviewer, Dutch Research Council (Veni Research Proposal), 2021
23. Proposal Reviewer, Research Grants Council (RGC) of Hong Kong, 2019, 2020, 2021
24. Proposal Reviewer, Singapore National Research Foundation (NRF) and the National Science Foundation China (NSFC) Joint Call, 2018
25. Proposal Reviewer, Singapore Ministry of Education (MOE) Translational R&D and Innovation Fund (TIF), 2018
26. Proposal Reviewer, Singapore Israel Industrial R&D Foundation, 2015, 2017, 2019
27. Consulted by MCI for National AI Strategy 2.0, Singapore, 2023.
28. Consulted by IMDA for AI Roadmap, Singapore, 2017.
29. Featured by *AI Singapore* on Developing A Unified Framework For NLP Algorithms, 2020
30. Interviewed by *GovInsider* on Government and Natural Language Processing, 2018
31. Interviewed by *GovInsider* on Government and Machine Learning, 2017
32. Interviewed by *China Economic Review (CER)* on data and cloud economy in China, 2015

Invited Talks, Tutorials

1. Invited Speaker, Lectures on Frontier Technology on Large Language Model Applications, Chinese Information Processing Society of China (CIPS)'s Committee on Computational Linguistics, 2024
2. Keynote Speaker, 1st PromptEng Workshop at the ACM WebConf, 2024
3. Keynote Speaker, International Conference on Asian Language Processing (IALP), 2023
4. Keynote Speaker, Large Language Model Speakers Series, IMDA, Singapore, 2023
5. Invited Speaker, LLM Workshop at IEEE Conference on AI, 2024
6. Invited Speaker, ST Engineering AI Tech Seminar, 2024
7. Invited Speaker, IMDA BizTech Speaker Series, Singapore, 2024
8. Invited Speaker, Google Research India, 2023

9. Invited Speaker, ST Engineering GTO Roundtable, Singapore, 2023
10. Invited Speaker, Integrated Health Information Systems Workshop, Singapore, 2022
11. Invited Speaker, 2nd Symposium on ASEAN Language Processing, Guangxi, China, 2022
12. Invited Speaker, AI@APJ Talk, SAP, Singapore, 2022
13. Invited Speaker, SEA AI Lab, Singapore, 2022
14. Invited Speaker, 13th International Science Youth Forum ("Meet-the-Scientist"), Singapore, 2021
15. Invited Speaker, China Computer Federation (CCF) "Technology Frontier" Seminar Series, online, 2020
16. Invited Speaker, NUS-Huawei AI Educator Symposium, Singapore 2020
17. Invited Speaker, Shanghai Jiao Tong University, online, 2020
18. Invited Speaker, National University of Singapore, online, 2020
19. Invited Speaker, Tianjin University, online, 2020
20. Invited Speaker, McKinsey, Singapore, 2020
21. Invited Speaker, Soochow University, China, 2019
22. Invited Speaker, AI Summer School, Singapore, 2019
23. Invited Speaker, Chinese Academy of Sciences, Beijing, China, 2019
24. Invited Speaker, Huazhong University of Science and Technology, China, 2019
25. Invited Speaker, Clariden Global Workshop on NLP and Chatbot, Singapore, 2018
26. Invited Speaker, Nanjing Normal University, China, 2018
27. Invited Speaker, IDEA Workshop, China, 2018
28. Keynote Speaker, OpenGov Asia Indonesia OpenGov Leadership Forum, Indonesia, 2018
29. Invited Speaker, DSO National Laboratory ("AI Innovation" Talk Series), Singapore, 2018
30. Invited Speaker, Alibaba-NTU Emerging Topics of AI Research Workshop, Singapore, 2018
31. Invited Speaker, Alibaba Inc, Xixi Campus, Hangzhou, China, 2018
32. Tutorial Speaker: A Unified Framework for Structured Prediction: From Theory to Practice, at EMNLP 2017, Copenhagen, Denmark
33. Invited Speaker, Dalian University of Technology, China, 2017
34. Invited Speaker, National University of Defence Technology, China, 2017
35. Invited Speaker, Institute for Infocomm Research (I2R), A*STAR, Singapore, 2017
36. Invited Speaker, exclusive (closed-door) Pragma - Cyber Security forum Singapore, 2016.
37. Invited Speaker, Korea Advanced Institute of Science and Technology (KAIST), Korea, 2016
38. Invited Speaker, the 1st SUTD-ZJU IDEA Research Workshop, ZJU, China, 2016
39. Invited Speaker, ADSC-I2R Joint Workshop on Natural Language Processing, Singapore, 2014
40. Invited Speaker, Google Mountain View, California, 2013
41. Invited Speaker, IBM Thomas J Watson Research Center, Yorktown Heights, New York, 2012

Research Grants

1. **Lead Principal Investigator**. LLM Architecture-Language Nexus: A Unified Analysis Framework. Agency: AI Singapore (National Multimodal LLM Program). Amount: SGD 4,900,000. 2025–2028.
2. **Lead Principal Investigator**. SUTD Growth Program - Artificial Intelligence Cluster – Thrust 2: Discovery by AI. 2019–2023. Source of Funds: Ministry of Education.
3. **Principal Investigator** (Sole PI). SUTD Start-up Grant. Amount: SGD 100,000. 2013-2016.
4. **Principal Investigator**. Temasek Lab Seed Grant. Amount: SGD 48,000. Agency: FSTD, Ministry of Defence, Singapore. 2015–2016.
5. **Principal Investigator** (Sole PI). Scalable Models for Deep Semantic Information Processing. Amount: SGD 99,800. Agency: Ministry of Education, under MOE Tier 1. 2016–2018.
6. **Principal Investigator**. Cross-functional Information Systems for Decision Making (CISDEM) – T3: Hidden Knowledge Inference. Amount: SGD 609,000. Agency: MINDEF, Singapore. 2014–2018.
7. **Principal Investigator** (Sole PI). Experiments on Vision and Language Research. HPI Future SOC Lab Project. Awarded free access to computing hardware, including HPC servers, workstations, GPUs etc. Agency: Hasso-Plattner-Institut, Germany. 2016–2017.
8. **Principal Investigator** (Sole PI). Multi-task Learning for EIE-specific Stance Detection. Amount: SGD 500,000. Agency: DSO. 2017–2019.
9. **Principal Investigator** (Sole PI). Efficient Hypergraph-Based Algorithms for Joint Entity, Relation and Event Extraction. Amount: USD 99,600. Agency: Alibaba Innovative Research Program. 2018–2019
10. **Principal Investigator**. Matrix Product States and Machine Learning. Amount: SGD 100,000. Agency: SUTD-MIT International Design Center (IDC). 2016–2017.

11. **Principal Investigator**. Multimodal Deep Hybrid Representations for Language Generation from Non-textual Data. Approved Amount SGD 891,396. Agency: FSTD, Ministry of Defence, Singapore under Defence Innovative Research Programme (DIRP). Awarded in 2015 (converted to a DSO project).
12. **Principal Investigator** (Sole PI). Sentiment Parsing: Parsing Sentences to Sentiment-based Formal Semantics. 2017–2020. Amount: SGD 540,469.20. Agency: MOE Tier 2.
13. **Principal Investigator**. The Science of Certified AI Systems, Agency: MOE Tier 3. Lead PI: Jun Sun (SMU). Amount: SGD 9,340,776 (overall), 2021–2026.
14. **Principal Investigator**. Human-Interpretable Math Word Problem Solving with Reasoning-based Structured Prediction, Agency: MOE Tier 2. Amount: SGD 929,901, 2023–2026.
15. **Principal Investigator**. Investigating Various Strategies for Effective Pre-Training of LLMs, Agency: DSO. Amount: SGD 600,000 (+ SGD ∼2M cost on cloud dedicated to this project), 2024–2026.
16. **Principal Investigator** (Sole PI). Specialised LLM Development for Home Team Operations, Agency: HTX. SGD 1,581,000, 2024–2026.
17. **Co-Principal Investigator**. ST Electronics-SUTD Cyber Security Laboratory. Amount: 4,900,000. Agency: ST Electronics, SUTD, NRF. 2016–2020.
18. **Co-Principal Investigator**. Hardware infrastructure for GPU accelerated computing. SUTD IDC Infrastructure Grant. SGD 281,009. Agency: IDC, SUTD. 2016.
19. **Co-Principal Investigator**. InnoBrain for Artificial Creativity. SGD 99,960. Agency: AI Singapore, 2019–2020.
20. **Co-Principal Investigator**. Explaining AI with the Right Level of Abstraction. SGD 749,904. Agency: AI Singapore, 2019–2022.
21. **Co-Principal Investigator**. Automated Ontology Builder from Maintenance Manuals. SGD 360,624. Agency: Aerospace Programme, Cycle 13, Lead Sponsor: Boeing, 2020–2022.
22. **Co-Principal Investigator**. AIDoc: Telehealth AI Powered by Triaging AI Grounded by Medical Knowledge. SGD 999,984 (overall). Agency: AI Singapore, 2023–2025.
23. **Co-Principal Investigator**. The "Other Me": Human-Centered AI Assistance In Situ, Agency: AI Singapore. Lead PI: David Hsu (NUS). SGD 9,551,520 (overall), 2021–2025

Teaching

1. UG: 50.040 Natural Language Processing, Summer 2019, Summer 2020, Summer 2021, Summer 2022, Fall 2023, Fall 2024
   Average instructor evaluation score: 4.5/5.0
2. UG: 01.112/50.007 Machine Learning, Fall 2016, Fall 2017, Spring 2018, Fall 2018, Fall 2019, Fall 2020, Fall 2021, Summer 2023, Spring 2024, Spring 2025
   Average instructor evaluation score: 4.5/5.0
3. PG: 50.570 Machine Learning, Spring 2014, Spring 2015, Spring 2016, Fall 2017
   Average instructor evaluation score: 4.6/5.0

Mentored Individuals

PhD Students (Graduated)

1. Hao Li (2015–2020). From: National University of Singapore.
   President's Graduate Fellowship.
   Internship at Alibaba DAMO Academy
   Now with Tencent AI Lab, Singapore

2. Zhanming Jie (2016–2020). Transferred from: Hong Kong University of Science and Technology.
   President's Graduate Fellowship.
   Internship at Allen Institute for Artificial Intelligence
   Now with ByteDance AI Singapore
   Best ISTD Thesis Award

3. Zhijiang Guo (2017–2020). From: Sun Yat-sen University.
   President's Graduate Fellowship.
   Internship at University of Edinburgh, UK
   Now an Assistant Professor at Hong Kong University of Science and Technology (GZ)
   SUTD Outstanding Thesis Award

4. Yanyan Zou (2017–2020). From: Xiamen University.
   President's Graduate Fellowship.
   Internship at Microsoft Research Asia, China
   Now with JD AI Research

5. Liying Cheng (2018–2022). From: Singapore University of Technology and Design.
   Alibaba IPP Program.
   Now with Alibaba AI Lab, Singapore

6. Lu Xu (2019–2022). From: Massachusetts Institute of Technology.
   Alibaba IPP Program.
   Now with Huawei Noah's Ark Research Lab, Singapore

7. Xiaobing Sun (2019–2023). From: National University of Defense Science and Technology.
   SUTD Graduate Fellowship.
   Now with A*STAR, Singapore
   Outstanding Paper Award, EMNLP 2023

8. Haoran Li (2019–2024). From: University of Electronic Science and Technology of China.
   Internship at Microsoft Research Asia, China
   Now with ByteDance, Beijing.
   Nominated for SUTD Outstanding Thesis Award (result pending).

9. Thilini Cooray (2017–2022). From: University of Colombo (*Co-supervised with: Ngai-Man Cheung*).
   President's Graduate Fellowship.

PhD Students (Current)

1. Guangtao Zeng (2021–). From: Sun Yat-sen University.
   AI Singapore Graduate Fellowship.

2. Tianduo Wang (2022–). From: Singapore University of Technology and Design.
   1st-class Honours. Winner of Singapore Computer Society Excellence Award

3. Jiaxi Li (2022–). From: Singapore University of Technology and Design.
   1st-class Honours.

4. Calvin Tan (2024–). From: Nanyang Technological University, Singapore

5. Chen Huang (2024–). From: East China Normal University, China.
   MOE Scholarship.

6. Hoang Phi Long (2024–). From: Hanoi University of Science and Technology, Vietnam.
   AI Singapore Graduate Fellowship.

7. Renjie Luo (2025–). From: Beihang University, China.
   SUTD Graduate Fellowship.

Visiting PhD Students

1. Roozbeh Sanaei (2015–2017). From: Singapore University of Technology and Design (EPD)

2. Hesam Amoualian (2016–2017). From: Joseph Fourier University, France

3. Jing Liao (2018–2019). From: Zhejiang University, China

4. Yuxiang Zhou (2019–2020). From: Beijing Institute of Technology, China
   CSC Scholar. Now a postdoc researcher at University of Warwick, UK

5. Jiale Han (2021–2023). From: Beijing University of Posts and Telecommunications, China.
   CSC Scholar

6. Lulu Zhao (2021-2022). From: Beijing University of Posts and Telecommunications, China.
   CSC Scholar

7. Xinyu Wang (2021-2022). From: ShanghaiTech University, China.
   CSC Scholar

8. Peiwen Zhao (2024-2025). From: Beijing Institute of Technology, China.
   CSC Scholar

Researchers

1. Aldrian Obaja Muis (2015–2017). From: National University of Singapore
   To Carnegie Mellon University, USA.

2. Raymond Hendy Susanto (2015–2017). From: National University of Singapore
   Now with ByteDance Singapore

3. Shaosheng Cao (2015–2016). From: Xidian University, China (*MS*)
   Now with Ant Financial Services Group/Alipay, AI Department

4. Liling Tan (2016). From: Saarland Unviersity, Germany.
   Now with Rakuten

5. Peter Phandi (2017–2018). From: National University of Singapore
   Now with Shopee

6. Yiran Wang (2017–2018). From: Singapore University of Technology and Design
   Now a graduate student at Columbia University, USA

7. Juan Cheng (2018–2019). From: National University of Singapore.

8. Amila Silva (2017–2018). From: University of Moratuwa, Sri Lanka
   Now a research engineer at Singapore Management University
   BS ranked 2nd in department

9. Leiming Du (2017–2019). From: Xi'an Jiao Tong University
   Now with Huawei

10. Ke Shi (2018–2019). From: Nanyang Technological University
    Now with A*STAR AI

11. Rui Qiao (2018–2020). From: Singapore University of Technology and Design
    BS ranked 2nd in department. Winner of Keppel Awards of Excellence.
    Now with NUS

12. Boyuan Zhuang (2019). From: University of Science and Technology of China
    Now with Tencent.

13. Jierui Li (2021). From: University of Electronic Science and Technology of China.
    Now a PhD student at University of Texas at Austin

14. Vanessa Tan Yun Han (2021–2022). From: Singapore University of Technology and Design.

15. Shengqiang Zhang (2021–2022). From: Peking University.

16. Peiyuan Zhang (2022–2023). From: Singapore University of Technology and Design.

17. Shukai Ma (2022–2023). From: University of Melbourne, Australia.

18. Sicong Leng (2022–2023). From: Singapore University of Technology and Design.

19. Linyao Chen (2023–2024). From: University of Tokyo.

20. Ziqi Jin (2023–2024). From: Singapore University of Technology and Design.

21. Yutian Lin (2024–). From: Singapore University of Technology and Design.

22. Yanbao Wang (2024–). From: Singapore University of Technology and Design.

Visitors/Interns

1. Cuong Xuan Chu (2014–2015). From: Vietnam National University
   Now a graduate student at Max Planck Institute, Germany

2. Tu Thanh Vu (2014–2015). From: Vietnam National University
   Now a graduate student at University of Massachusetts Amherst, USA

3. Sadegh Charmchi (2014). From: Amirkabir University of Technology, Iran
   Now a graduate student at University of Alberta, Canada

4. Wenqiang Xu (2015–2016). From: University of Science and Technology of China
   Special Class for the Gifted Young

5. Sean Matthew English (2015). From: University of Hong Kong & New York University
   Now a researcher at Fraunhofer-Gesellschaft Institute, Germany

6. Si Kai Lee (2015). From: University of Southampton
   Now a graduate student at Columbia University, USA

7. Yihui Quek (2016). From: DSO National Laboratories, Singapore
   Now a graduate student at Stanford University

8. Bojia Qiu, (2015–2016). From: Zhejiang University, China
   Now a graduate student at McGill University, Canada

9. Jonathan Löfgren (2016). From: Uppsala University, Sweden

10. Moein Khajehnejad (2016). From: Sharif University of Technology, Iran.
    Now a graduate student at Monash University

11. Nipuna Ranasinghe (2016). From: University of Moratuwa, Sri Lanka

12. Ramesh Pramuditha Rathnayake (2016). From: University of Moratuwa, Sri Lanka

13. Kosala Herath (2016). From: University of Moratuwa, Sri Lanka
    International Physics Olympiad Medalist

14. Yuwei Wang (2016). From: East China Normal University, China.
    Now a graduate student at University of Utah, USA

15. Swee Kiat Lim (2016–2017). From: National University of Singapore
    BS 1st-class honors

16. Yash Choudhary (2017). From: Birla Institute of Technology and Science, Pilani, India.

17. Wei Yang (2017). From: Zhejiang University, China.
    Now a graduate student at University of Waterloo, Canada

18. Srajit Sakhuja (2017). From: Birla Institute of Technology and Science, Pilani, India.

19. Yu Jian Wu (2017 & 2018). From: Swarthmore College, USA
    Now a graduate student at Columbia University, USA

20. Bill, Yuchen Lin (2017). From: Shanghai Jiao Tong University, China
    Now a graduate student at University of Southern California, USA

21. Bailin Wang (2017). From: University of Massachusetts Amherst, USA
    Now a graduate student at Edinburgh University, UK

22. Supun Abeysinghe (2017). From: University of Moratuwa, Sri Lanka

23. Utkarsh Sinha (2018). From: Indian Institute of Technology, Kharagpur, India
    All India Rank 70 in JEE Main. Now a graduate student at Columbia University

24. Anh Nguyen Tuan (2018). From: Vietnam National University.

25. Hans Du (2018). From: Academia Sinica, Taiwan.

26. Jiaqi Pan (2019). From: University of Electronic Science and Technology of China
    Now a graduate student at Carnegie Mellon University, USA

27. Mayank Raj (2019). From: Birla Institute of Technology and Science, Pilani, India.

28. Yingying Zhuang (2019). From: Beijing University of Posts and Telecommunications
    Received offers from Johns Hopkins University, Cornell University

29. Jieyu Chen (2019). From: New York University, Shanghai
    Will be a graduate student at Cornell University

30. Ivan Sekulić (2019). From: Heidelberg Institute for Theoretical Studies, Germany

31. Steven Wang (2019). From: Zhejiang University, China

32. Xingce Bao (2019). From: École Polytechnique Fédérale de Lausanne, Switzerland

33. Jue Wang (2020). From: Zhejiang University, China

34. Jiaqi Zeng (2020). From: Shanghai Jiao Tong University, China
Winner of Yang Yuanqing Scholarship (4 awardees each year in CS dept.)

35. Xiaobao Wu (2020). From: Tsinghua University, China

36. Ankit Garg (2020). From: Indian Institute of Technology, Delhi, India
Now with offer from UC San Diego

37. Christine Liu (2021). From: University College London, UK

38. Zizhe Jiang (2021). From: University of Nottingham, Ningbo, China

39. Yao Xiao (2021). From: Shanghai Jiao Tong University, China

40. Qingcheng Zeng (2021). From: Zhejiang University, China & Manchester Unviersity, UK

41. Zhehao Zhang (2021). From: Shanghai Jiao Tong University (Zhiyuan College), China

42. Qian Yang (2022–2023). From: Harbin Institute of Technology (Shenzhen), China

43. Yilin Liu (2022). From: University of Southern California, USA

44. Zechen Li (2023). From: Northeastern University, USA

45. Shuibai Zhang (2023). From: Westlake University, China

46. Pratyush Saini (2023). From: Indian Institute of Technology, Delhi, India

47. Shichen Li (2023). From: Soochow University, China

48. Ruoxi Ning (2023). From: Zhejiang University, China

49. Chen Huang (2024). From: East China Normal University

50. Valentio Iverson (2024). From: University of Waterloo, Canada

51. Yongguan Hu (2024). From: University of Chinese Academy of Sciences, China

52. Yifan Wang (2024). From: National University of Singapore

PhD Thesis Committee (External)

1. Hesam Amoualian (2017). From: Joseph Fourier University, France

2. Aman Ahuja (2018). From: Virginia Tech, USA

3. Shuohang Wang (2019). From: Singapore Management University, Singapore

4. Xiang Dai (2020) , University of Sydney, Australia

5. Hongliang Dai (2021) , Hong Kong University of Science and Technology, Hong Kong

6. Tasnim Mohiuddin (2022), Nanyang Technological University, Singapore

7. M Saiful Bari (2023), Nanyang Technological University, Singapore

8. Guo Xu (2023), Nanyang Technological University, Singapore

9. Beier Zhu (2024), Nanyang Technological University, Singapore

10. Rongxin Zhu (2024), University of Melbourne, Australia

11. Xingxuan Li (2025), Nanyang Technological University, Singapore

Tenure Evaluation (External)

1. The City University of New York, USA, 2023

2. Nanyang Technological University, Singapore, 2025

Others

1. Hosted over 20 exchange UG students from ZJU, MIT, Berkeley.

2. Supervised over 40 UROP students from SUTD. Among them, 3 students (co-supervised with Zhao Rong) won 1st prize for the First National Collegiate Contest & International Invitational Tournament for Brain-Inspired Computing and Application (amongst 229 teams from 47 universities/institutions) organized by Tsinghua University in 2017.

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