Daniel Fried

Contact Information

dfried@cs.cmu.edu
dpfried.github.io

Positions

Assistant Professor, Carnegie Mellon University — 2022 – present
Language Technologies Institute, School of Computer Science

Research Scientist, Meta — 2024 – present

Education

UC Berkeley — 2015 – 2021
Ph.D. in Computer Science
Adviser: Dan Klein
Thesis: Learning Grounded Pragmatic Communication

University of Cambridge, Churchill College — 2014 – 2015
M.Phil. in Computer Science, *with distinction*
Adviser: Stephen Clark
Thesis: Low Rank Tensor Approximations for Compositional Distributional Semantics

University of Arizona — 2010 – 2014
B.S. in Computer Science, Mathematics, and Information Science, *summa cum laude*
Thesis Adviser: Mihai Surdeanu
Thesis: Predicting Community Traits Using the Language of Food on Social Media

Former Positions

Postdoc, University of Washington — 2021 – 2022
Host: Luke Zettlemoyer

Visiting Researcher, Facebook AI Research — 2021 – 2022
Host: Mike Lewis

Research Intern, Google DeepMind — Summer 2019
Hosts: Aida Nematzadeh, Stephen Clark, Chris Dyer
Project: Structured models for language-conditioned video segmentation

Research Intern, Microsoft Research — Summer 2016
Hosts: Hoifung Poon, Chris Quirk, Kristina Toutanova, Scott Wen-Tau Yih
Project: Learning to rank for personalized medicine

Undergraduate Research Assistant, University of Arizona — 2012 – 2014
Advisers: Mihai Surdeanu, Stephen Kobourov, Paul R. Cohen
Areas: Question answering, language grounding, data visualization

Research Intern, Nara Institute of Science and Technology — Fall 2013
Host: Kevin Duh
Project: Incorporating relational semantics in word embeddings

Research Intern, RWTH Aachen University — Summer 2013
Hosts: Ali Jannesari, Zhen Li
Project: Supervised learning for automatic code parallelization

Engineering Intern, Microsoft — Summer 2012
Project: Data warehousing, analytics, and visualization for Xbox Live

Honors & Awards

Okawa Research Award	2023
Google Ph.D. Fellowship in Natural Language Processing	2019 – 2021
Outstanding Graduate Student Instructor, UC Berkeley	2018
Outstanding Reviewer, ACL	2018, 2020, 2021, 2022
Outstanding Reviewer, NeurIPS	2019
Best M.Phil. Student Award, Cambridge Computer Laboratory	2015
Churchill Scholarship	2014 – 2015
NDSEG Fellowship	2014
Finalist, Hertz Graduate Fellowship	2014

Outstanding Senior Award in Research, U. Arizona College of Science	2014
Outstanding Senior Award in Academics, U. Arizona Computer Science	2014
Outstanding Senior Award in Academics, U. Arizona Information Science	2014
Barry M. Goldwater Scholarship	2013
National Merit Scholar	2010 – 2014
Flinn Scholarship, Flinn Foundation of Arizona	2010 – 2014
Presidential Scholar, U.S. Department of Education	2010

Journal Publications

1. **StarCoder: May the Source Be With You!**
   Raymond Li et al. (68 authors from the BigCode Project)
   Transactions on Machine Learning Research (TMLR), 2023
2. **Human-Level Play in the Game of Diplomacy by Combining Language Models with Strategic Reasoning**
   FAIR Diplomacy Team
   Science, 2022
3. **Syntactic Structure Distillation Pretraining for Bidirectional Encoders**
   Adhiguna Kuncoro*, Lingpeng Kong*, Daniel Fried*, Dani Yogatama, Laura Rimell, Chris Dyer, and Phil Blunsom
   Transactions of the Association for Computational Linguistics (TACL), 2020
4. **Higher-Order Lexical Semantic Models for Non-Factoid Answer Reranking**
   Daniel Fried, Peter Jansen, Gustave Hahn-Powell, Mihai Surdeanu, and Peter Clark
   Transactions of the Association for Computational Linguistics (TACL), 2015

Conference Publications

5. **Inducing Programmatic Skills for Agentic Tasks**
   Zora Zhiruo Wang, Apurva Gandhi, Graham Neubig, Daniel Fried
   Conference on Language Modeling (COLM), 2025
6. **RepoST: Scalable Repository-Level Coding Environment Construction with Sandbox Testing**
   Yiqing Xie, Alex Xie, Divyanshu Sheth, Pengfei Liu, Daniel Fried, Carolyn Rose
   Conference on Language Modeling (COLM), 2025
7. **Improving Model Factuality with Fine-grained Critique-based Evaluator**
   Yiqing Xie, Wenxuan Zhou, Pradyot Prakash, Di Jin, Yuning Mao, Quintin Fettes, Arya Talebzadeh, Sinong Wang, Han Fang, Carolyn Rose, Daniel Fried, and Hejia Zhang
   Annual Meeting of the Association for Computational Linguistics (ACL), 2025
8. **Agent Workflow Memory**
   Zora Zhiruo Wang, Jiayuan Mao, Daniel Fried, and Graham Neubig
   ICML, 2025
9. **Dynamic Coalition Structure Detection in Natural Language-based Interactions**
   Abhishek N. Kulkarni*, Andy Liu*, Jean-Raphael Gaglione, Daniel Fried, and Ufuk Topcu
   International Conference on Autonomous Agents and Multiagent Systems (AAMAS), 2025
10. **AutoPresent: Designing Structured Visuals from Scratch**
    Jiaxin Ge*, Zora Zhiruo Wang*, Xuhui Zhou, Yi-Hao Peng, Sanjay Subramanian, Qinyue Tan, Maarten Sap, Alane Suhr**, Daniel Fried**, Graham Neubig**, and Trevor Darrell**
    Conference on Computer Vision and Pattern Recognition (CVPR), 2025
11. **CRScore: Grounding Automated Evaluation of Code Review Comments in Code Claims and Smells**
    Atharva Naik, Marcus Alenius, Daniel Fried, and Carolyn Rose
    North American Chapter of the Association for Computational Linguistics (NAACL), 2025
12. **CodeRAG-Bench: Can Retrieval Augment Code Generation?**
    Zora Zhiruo Wang*, Akari Asai*, Xinyan Velocity Yu, Frank F. Xu, Yiqing Xie, Graham Neubig, and Daniel Fried
    Findings of NAACL, 2025

13. **BigCodeBench: Benchmarking Code Generation with Diverse Function Calls and Complex Instructions**
Terry Yue Zhuo et al. (33 authors from the BigCode project)
International Conference on Learning Representations (ICLR), 2025

14. **Human-Aligned Chess with a Bit of Search**
Yiming Zhang, Athul Paul Jacob, Vivian Lai, Daniel Fried, and Daphne Ippolito
International Conference on Learning Representations (ICLR), 2025

15. **Repetition Improves Language Model Embeddings**
Jacob Mitchell Springer, Suhas Kotha, Daniel Fried, Graham Neubig, and Aditi Raghunathan
International Conference on Learning Representations (ICLR), 2025

16. **Dissecting Adversarial Robustness of Multimodal LM Agents**
Chen Henry Wu, Rishi Shah, Jing Yu Koh, Ruslan Salakhutdinov, Daniel Fried, and Aditi Raghunathan
International Conference on Learning Representations (ICLR), 2025

17. **Comparative Knowledge Distillation**
Alex Tianyi Xu*, Alex Wilf*, Paul Pu Liang, Alexander Obolenskiy, Daniel Fried, and Louis-Philippe Morency
Winter Conference on Applications of Computer Vision (WACV), 2024

18. **ECCO: Can We Improve Model-Generated Code Efficiency Without Sacrificing Functional Correctness?**
Siddhant Waghjale*, Vishruth Veerendranath*, Zora Zhiruo Wang, and Daniel Fried
Empirical Methods in Natural Language Processing (EMNLP), 2024

19. **What Are Tools Anyway? A Survey from the Language Model Perspective**
Zora Zhiruo Wang, Zhoujun Cheng, Hao Zhu, Daniel Fried, and Graham Neubig
Conference on Language Modeling (COLM), 2024

20. **Human-Agent Cooperation in Games under Incomplete Information through Natual Language Communication**
Shenghui Chen, Daniel Fried, and Ufuk Topcu
International Joint Conference on Artificial Intelligence (IJCAI), 2024

21. **Evaluating Large Language Model Biases in Person-Steered Generation**
Andy Liu, Mona T. Diab, and Daniel Fried
Findings of ACL, 2024

22. **Is the Pope Catholic? Yes, the Pope is Catholic. Generative Evaluation of Intent Resolution in LLMs**
Akhila Yerukola, Saujas Vaduguru, Daniel Fried, and Maarten Sap
Annual Meeting of the Association for Computational Linguistics (ACL), 2024

23. **VisualWebArena: Evaluating Multimodal Agents on Realistic Visual Web Tasks**
Jing Yu Koh, Robert Lo*, Lawrence Jang*, Vikram Duvvur*, Ming Chong Lim*, Po-Yu Huang*, Graham Neubig, Shuyan Zhou, Ruslan Salakhutdinov, and Daniel Fried
Annual Meeting of the Association for Computational Linguistics (ACL), 2024

24. **TroVE: Inducing Verifiable and Efficient Toolboxes for Solving Programmatic Tasks**
Zhiruo Wang, Graham Neubig, and Daniel Fried
International Conference on Machine Learning (ICML), 2024

25. **Amortizing Pragmatic Program Synthesis with Rankings**
Yewen Pu, Saujas Vaduguru, Priyan Vaithilingam, Elena Glassman, and Daniel Fried
International Conference on Machine Learning (ICML), 2024

26. **Asking More Informative Questions for Grounded Retrieval**
Sedrick Keh, Justin T. Chiu, and Daniel Fried
Findings of NAACL, 2024

27. **Generating Pragmatic Examples to Train Neural Program Synthesizers**
Saujas Vaduguru, Daniel Fried, and Yewen Pu
International Conference on Learning Representations (ICLR), 2024

28. **Sotopia: Interactive Evaluation for Social Intelligence in Language Agents**
Xuhui Zhou*, Hao Zhu*, Leena Mathur, Ruohong Zhang, Haofei Yu, Zhengyang Qi, Louis-Philippe Morency, Yonatan Bisk, Daniel Fried, Graham Neubig, and Maarten Sap
International Conference on Learning Representations (ICLR), 2024

29. **WebArena: A Realistic Web Environment for Building Autonomous Agents**
Shuyan Zhou*, Frank Xu*, Hao Zhu**, Xuhui Zhou**, Robert Lo**, Abishek Sridhar**, Xianyi Cheng, Yonatan Bisk, Daniel Fried, Uri Alon, and Graham Neubig
International Conference on Learning Representations (ICLR), 2024

30. **API-Assisted Code Generation for Question Answering on Varied Table Structures**
Yihan Cao*, Shuyi Chen*, Ryan Liu*, Zhiruo Wang, and Daniel Fried
Empirical Methods in Natural Language Processing (EMNLP), 2023

31. **Symbolic Planning and Code Generation for Grounded Dialogue**
Justin Chiu, Wenting Zhao, Derek Chen, Saujas Vaduguru, Alexander Rush, and Daniel Fried
Empirical Methods in Natural Language Processing (EMNLP), 2023

32. **Pragmatics in Language Grounding: Phenomena, Tasks, and Modeling Approaches**
Daniel Fried*, Nicholas Tomlin*, Jennifer Hu, Roma Patel, and Aida Nematzadeh
Findings of EMNLP, 2023

33. **Execution-Based Evaluation for Open-Domain Code Generation**
Zhiruo Wang, Shuyan Zhou, Daniel Fried, and Graham Neubig
Findings of EMNLP, 2023

34. **Data Augmentation for Code Translation with Comparable Corpora and Multiple References**
Yiqing Xie, Atharva Naik, Daniel Fried, Carolyn Rose
Findings of EMNLP, 2023

35. **AutoReply: Detecting Nonsense in Dialogue Introspectively with Discriminative Replies**
Weiyan Shi, Emily Dinan, Adi Renduchintala, Daniel Fried, Athul Paul Jacob, Zhou Yu, and Mike Lewis
Findings of EMNLP, 2023

36. **Generating Images with Multimodal Language Models**
Jing Yu Koh, Daniel Fried, and Ruslan Salakhutdinov
Neural Information Processing Systems (NeurIPS), 2023

37. **Pragmatic Inference with a CLIP Listener for Contrastive Captioning**
Jiefu Ou, Benno Krojer, and Daniel Fried
Findings of ACL, 2023

38. **Contrastive Decoding: Open-ended Text Generation as Optimization**
Xiang Lisa Li, Ari Holtzman, Daniel Fried, Percy Liang, Jason Eisner, Tatsunori Hashimoto, Luke Zettlemoyer, and Mike Lewis
Annual Meeting of the Association for Computational Linguistics (ACL), 2023

39. **Grounding Language Models to Images for Multimodal Inputs and Outputs**
Jing Yu Koh, Ruslan Salakhutdinov, and Daniel Fried
International Conference on Machine Learning (ICML), 2023

40. **Coder Reviewer Reranking for Code Generation**
Tianyi Zhang, Tao Yu, Tatsunori B. Hashimoto, Mike Lewis, Wen-tau Yih, Daniel Fried, and Sida I. Wang
International Conference on Machine Learning (ICML), 2023

41. **DS-1000: A Natural and Reliable Benchmark for Data Science Code Generation**
Yuhang Lai*, Chengxi Li*, Yiming Wang*, Tianyi Zhang*, Ruiqi Zhong*, Luke Zettlemoyer, Scott Wen-tau Yih, Daniel Fried, Sida I. Wang, and Tao Yu
International Conference on Machine Learning (ICML), 2023

42. **InCoder: A Generative Model for Code Infilling and Synthesis**
Daniel Fried*, Armen Aghajanyan*, Jessy Lin, Sida I. Wang, Eric Wallace, Freda Shi, Ruiqi Zhong, Wen-tau Yih, Luke Zettlemoyer, and Mike Lewis
International Conference on Learning Representations (ICLR), 2023

43. **Natural Language to Code Translation with Execution**
Freda Shi, Daniel Fried, Marjan Ghazvininejad, Luke Zettlemoyer, and Sida I. Wang
Empirical Methods in Natural Language Processing (EMNLP), 2022

44. **Neural Theory-of-Mind? On the Limits of Social Intelligence in Large LMs**
Maarten Sap, Ronan Le Bras, Daniel Fried, and Yejin Choi
Empirical Methods in Natural Language Processing (EMNLP), 2022

45. **G3: Geolocation via Guidebook Grounding**
Grace Luo*, Giscard Biamby*, Trevor Darrell, Daniel Fried, and Anna Rohrbach
Findings of EMNLP, 2022

46. **Inferring Rewards from Language in Context**
Jessy Lin, Daniel Fried, Dan Klein, and Anca Dragan
Annual Meeting of the Association for Computational Linguistics (ACL), 2022

47. **Reference-Centric Models for Grounded Collaborative Dialogue**
Daniel Fried, Justin Chiu, and Dan Klein
Empirical Methods in Natural Language Processing (EMNLP), 2021

48. **Modular Networks for Compositional Instruction Following**
Rodolfo Corona, Daniel Fried, Coline Devin, Dan Klein, and Trevor Darrell
North American Chapter of the Association for Computational Linguistics (NAACL), 2021

49. **Learning to Segment Actions from Observation and Narration**
Daniel Fried, Jean-Baptiste Alayrac, Phil Blunsom, Chris Dyer, Stephen Clark, Aida Nematzadeh
Annual Meeting of the Association for Computational Linguistics (ACL), 2020

50. **Cross-Domain Generalization of Neural Constituency Parsers**
Daniel Fried*, Nikita Kitaev*, and Dan Klein
Annual Meeting of the Association for Computational Linguistics (ACL), 2019

51. **Are You Looking? Grounding to Multiple Modalities in Vision-and-Language Navigation**
Ronghang Hu, Daniel Fried, Anna Rohrbach, Dan Klein, Trevor Darrell, and Kate Saenko
Annual Meeting of the Association for Computational Linguistics (ACL), 2019

52. **Pragmatically Informative Text Generation**
Sheng Shen, Daniel Fried, Jacob Andreas, and Dan Klein
North American Chapter of the Association for Computational Linguistics (NAACL), 2019

53. **Speaker-Follower Models for Vision-and-Language Navigation**
Daniel Fried*, Ronghang Hu*, Volkan Cirik*, Anna Rohrbach, Jacob Andreas, Louis-Philippe Morency, Taylor Berg-Kirkpatrick, Kate Saenko, Dan Klein**, and Trevor Darrell**
Neural Information Processing Systems (NeurIPS), 2018

54. **Policy Gradient as a Proxy for Dynamic Oracles in Constituency Parsing**
Daniel Fried and Dan Klein
Annual Meeting of the Association for Computational Linguistics (ACL), 2018

55. **Unified Pragmatic Models for Generating and Following Instructions**
Daniel Fried, Jacob Andreas, and Dan Klein
North American Chapter of the Association for Computational Linguistics (NAACL), 2018

56. **Effective Inference for Generative Neural Parsing**
Mitchell Stern, Daniel Fried, and Dan Klein
Empirical Methods in Natural Language Processing (EMNLP), 2017

57. **Improving Neural Parsing by Disentangling Model Combination and Reranking Effects**
Daniel Fried*, Mitchell Stern*, and Dan Klein
Annual Meeting of the Association for Computational Linguistics (ACL), 2017

58. **Towards Using Social Media to Identify Individuals at Risk for Preventable Chronic Illness**
Dane Bell, Daniel Fried, Luwen Huangfu, Mihai Surdeanu, and Stephen Kobourov
Language Resources and Evaluation Conference (LREC), 2016

59. **Low-Rank Tensors for Verbs in Compositional Distributional Semantics**
Daniel Fried, Tamara Polajnar, and Stephen Clark
Annual Meeting of the Association for Computational Linguistics (ACL), 2015

60. **Analyzing the Language of Food on Social Media**
Daniel Fried, Mihai Surdeanu, Stephen Kobourov, Melanie Hingle, and Dane Bell
International Conference on Big Data, 2014

61. **Maps of Computer Science**
Daniel Fried and Stephen Kobourov
Pacific Visualization Symposium (PacificVis), 2014

62. **Predicting Parallelization of Sequential Programs Using Supervised Learning**
Daniel Fried, Zhen Li, Ali Jannesari, and Felix Wolf
International Conference on Machine Learning and Applications, 2013

63. **A Generative Probabilistic Framework for Learning Spatial Language**
Colin Dawson, Jeremy Wright, Antons Rebguns, Marco Valenzuela Escarcega, Daniel Fried, and Paul Cohen
International Conference on Development and Learning, 2013. **Best Paper Award**

64. **Bayesian Geometric Modeling of Indoor Scenes**
Luca Del Pero, Joshua Bowdish, Daniel Fried, Bonnie Kermgard, Emily Hartley, and Kobus Barnard
Conference on Computer Vision and Pattern Recognition (CVPR), 2012

Workshop Publications

65. **SantaCoder: Don't Reach for the Stars**
Loubna Ben Allal*, Raymond Li*, Denis Kocetkov*, et al. (41 authors from the BigCode Project)
Deep Learning for Code Workshop, 2023. **Best Paper Award**

66. **Modeling Perspective-Dependent Ambiguity in Grounded Collaborative Dialogue**
Justin Chiu, Wenting Zhao, Alexander M. Rush, and Daniel Fried
Wordplay: When Language Meets Games Workshop, 2022

67. **Interactive Assignments for Teaching Structured Neural NLP**
David Gaddy, Daniel Fried, Nikita Kitaev, Mitchell Stern, Rodolfo Corona, John DeNero, and Dan Klein
Teaching NLP Workshop at NAACL, 2021

68. **Challenges for Using Social Media for Early Detection of Type II Diabetes Mellitus**
Dane Bell, Daniel Fried, Luwen Huangfu, Mihai Surdeanu, and Stephen Kobourov
International Workshop on Social Media World Sensors, 2016

69. **Learning Low-Rank Tensors for Transitive Verbs**
Daniel Fried, Tamara Polajnar, and Stephen Clark
Advances in Distributional Semantics Workshop, 2015

70. **Incorporating both Distributional and Relational Semantics in Word Representations**
Daniel Fried and Kevin Duh
International Conference on Learning Representations (ICLR) Workshop, 2015

Preprints

71. **From Reproduction to Replication: Evaluating Research Agents with Progressive Code Masking**
Gyeongwon James Kim, Alex Wilf, Louis-Philippe Morency, Daniel Fried
arXiv, 2025

72. **Rewarding the Unlikely: Lifting GRPO Beyond Distribution Sharpening**
Andre He, Daniel Fried, and Sean Welleck
arXiv, 2025

73. **mrCAD: Multimodal Refinement of Computer-aided Designs**
William P. McCarthy, Saujas Vaduguru, Karl D. D. Willis, Justin Matejka, Judith E. Fan, Daniel Fried, and Yewen Pu
arXiv, 2025

74. **SWE-RL: Advancing LLM Reasoning via Reinforcement Learning on Open Software Evolution**
Yuxiang Wei, Olivier Duchenne, Jade Copet, Quentin Carbonneaux, Lingming Zhang, Daniel Fried, Gabriel Synnaeve, Rishabh Singh, and Sida I. Wang
arXiv, 2025

75. **CodeBenchGen: Creating Scalable Execution-based Code Generation Benchmarks**
Yiqing Xie, Alex Xie, Divyanshu Sheth, Pengfei Liu, Daniel Fried, and Carolyn Rose
arXiv, 2024

76. **Tree Search for Language Model Agents**
Jing Yu Koh, Stephen McAleer, Daniel Fried, and Ruslan Salakhutdinov
arXiv, 2024

*,**: equal contribution

Students

PhD thesis advisor:

- Andre He (with Sean Welleck)
- Jing Yu (JY) Koh (with Ruslan Salakhutdinov)
- Andy Liu (with Mona Diab)
- Saujas Vaduguru
- Zhiruo (Zora) Wang (with Graham Neubig)

MLT thesis advisor:

- Alex Xie (with Matt Gormley and Vincent Hellendoorn)

PhD committee member:

- Shuyan Zhou
- Aman Madaan
- Ta-Chung Chi
- Nikitha Rao
- Frank Xu
- Ritam Dutt
- Ruohong Zhang
- So Yeon (Tiffany) Min
- Anthony Sicilia (Northeastern)
- Kush Jain
- Brendon Boldt
- Sanjay Subramanian (UC Berkeley)

Teaching

Instructor: **11-891, Neural Code Generation**, CMU, Spring 2024

Instructor: **11-877, Advanced Multimodal Machine Learning**, CMU, Spring 2024

Instructor: **11-711, Advanced NLP**, CMU, Fall 2023

Instructor: **11-777, Multimodal Machine Learning**, CMU, 2023 – present

Instructor: **CS188, Artificial Intelligence**, UC Berkeley, Summer 2018

Teaching Assistant: **CS188, Artificial Intelligence**, UC Berkeley, Fall 2017

Teaching Assistant: **CS245, Intro to Discrete Structures**, University of Arizona, Spring 2012

Teaching Assistant: **ISTA100, Great Ideas of the Information Age**, University of Arizona, Fall 2011

Project Design: **CS288, Natural Language Processing**, UC Berkeley, Spring 2020

Invited Talks

Inducing Functions to Improve LLM Agents. Deep Learning For Code Workshop, ICLR 2025.

Planning and Inferring with LLMs for Grounded, Interactive Tasks. Forum for Artificial Intelligence, UT Austin. Fall 2024

Benchmarks and Tree Search for Multimodal LLM Agents. SpLU-RoboNLP Workshop, ACL 2024. Summer 2024

Interacting with LLMs for Grounded Tasks. NILLI Workshop, EMNLP 2023. Spring 2023

Interacting with (code) LLMs. MIT Neurosymbolic Reading Group. Spring 2023

InCoder, SantaCoder, and StarCoder: Findings from Training Open-Source Code LLMs. Bloomberg AI; GitHub Next. Spring 2023

Using Language Strategically in Context. CoRL Workshop on Strategic Multi-Agent Interactions, 2022; Johns Hopkins University, University of Pennsylvania, UT Austin. Spring 2023

Contextual Communication in Programming. LTI Future of Code Generation Seminar, 2022

Reasoning About Actions and Rewards in Language Interactions. MIT CPL, 2022. (with Jessy Lin)

Modularity in Grounded Interaction. ViGIL Workshop, NAACL 2021. (with Rudy Corona)

Learning Grounded Pragmatic Communication. University of Arizona, TTI-Chicago, University of Southern California, Purdue, Carnegie Mellon University, UC Irvine, Université de Montréal/Mila, Allen Institute for Artificial Intelligence, Facebook AI Research, Google Research, Stanford Cognition and Language Workshop. Spring 2021

Pragmatic Models for Generating and Following Grounded Instructions. Stanford NLP Seminar, University of Arizona, USC ISI. Fall 2018–Spring 2019

Academic Service

Workshop co-organizer: Workshop on Large Language Models for Agents, ICLR 2024

Workshop co-organizer: 3rd UnImplicit Workshop, EACL 2024

Workshop co-organizer: 2nd UnImplicit Workshop, NAACL 2022

Workshop co-organizer: 2nd Advances in Language and Vision Workshop, NAACL 2021

Workshop advisory board: Theory of Mind in Communicating Agents, ICML 2023

Outstanding reviewer awards: ACL 2018, NeurIPS 2019, ACL 2020, ACL 2021, ACL 2022

Senior area chair: ACL 2024

Area chair: EMNLP 2022–2024, ACL 2023

Ethics chair: NAACL 2024

Reviewing: TACL 2022–2024; ACL Rolling Review 2021–2023; ACL 2018–2022; EMNLP 2016–2021; NAACL 2019, 2021; AACL-IJCNLP 2020; EACL 2017, 2021; NeurIPS 2019–2023; ICML 2019, 2023; ICLR 2021–2023; AKBC 2021; COLING 2018; *SEM 2016–2018; NAACL-SRW 2016, 2018; ACL-SRW 2020; IJCAI 2016; SpLU-RoboNLP 2019, 2021; NeuralGen 2019; ViGIL 2019, 2021; DeepLo 2019; ALVR 2020, 2021; LaReL 2020; Cooperative AI 2021; Meaning in Context 2021