

# Hua Shen Ph.D. (she/her)

Tenure-Track Assistant Professor  
Department of Computer Science, Data Science and Engineering  
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## RESEARCH INTERESTS

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My research focuses on *human-AI alignment*, where I initiated the “*Bidirectional Human-AI Alignment*” framework and co-founded related initiatives. My work improves human-AI interactions and promotes safe and responsible AI by aligning AI behavior with human and societal values. Keywords: human-AI alignment, human-AI interaction and collaboration, responsible AI, AI safety and security, etc.

## EDUCATION

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- 2025.09 **Tenure-Track Assistant Professor**  
Department of Computer Science, Data Science and Engineering  
New York University Shanghai
- 2024.09 - 2025.08 **Postdoctoral Scholar**  
Responsible AI Systems and Experiences (RAISE) Center  
Information School  
University of Washington, Seattle, USA
- 2023.08 - 2024.08 **Postdoctoral Research Fellow**  
School of Information, and Computer Science and Engineering Division  
University of Michigan, Ann Arbor, USA
- 2019.08 - 2023.07 **Ph.D. in Informatics**  
College of Information Sciences and Technology  
Penn State University, PA, USA (*GPA: 3.93/4.0*)
- 2013.09 - 2016.06 **M.S. in Management Science and Engineering**  
School of Information  
Renmin University of China, Beijing, China (*Admission Exam Exemption*)
- 2009.09 - 2013.06 **B.S. in Information Security**  
School of Computer and Communication Engineering  
University of Science and Technology Beijing, China (*Top: 2/35*)

## INDUSTRY EXPERIENCE

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- 2022.09 - 2023.01 **Google Research (now Google DeepMind)**  
Research Intern, Speech Intelligence Team, Seattle, USA  
*Mentors:* Vicky Zayats, Johann Rocholl, Dan Walker, Dirk Padfield  
[MultiTurnCleanup: A Benchmark for Multi-turn Spoken Conversational Transcript Cleanup](#)  
(*EMNLP 2023, Oral*)
- 2022.05 - 2022.08 **Amazon Science (now Amazon AGI)**  
Applied Scientist Intern, Alexa AI, Language Modeling Team, Seattle, USA  
*Mentors:* Jari Kolehmainen, Yi Gu, Qi Luo, Aditya Gourav, Ivan Bulyko  
*Senior Principal Scientists:* Ankur Gandhe, Denis Filimonov, Ariya Rastrow, Andreas Stolcke  
Distilling Generative Large Language Models  
(*Presentation at Amazon Science*)

2021.05 - 2021.08 **Amazon Science (now Amazon AGI)**  
 Applied Scientist Intern, Alexa AI, SpeakerID Team, Sunnyvale, USA  
*Mentors:* Yuguang Yang, Guoli Sun, Ryan Langman, Eunjung (Christine) Han  
*Senior Principal Scientist Advisors:* Jasha Droppo, Andreas Stolcke  
[Improving Fairness in Speaker Verification via Group-adapted Fusion Network](#)  
*(ICASSP 2022)*

## SELECTED HONORS AND AWARDS

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2024	<b>Future Faculty Diversity Program</b> , ( <a href="#">Acceptance Rate &lt; 20%</a> ), Virginia Tech
2024	<b>Best Paper</b> , ( <a href="#">Top 1%</a> , 1/76), AIED Conference
2024	<b>Best Interactive Event Award</b> , ( <a href="#">Top 1%</a> , 1/76), AIED Conference
2024	<b>Carnegie Funds for Faculty Development (\$5,000)</b> , UMich, School of Information
2023	<b>Best Demo</b> ( <a href="#">Top 6%</a> , 1/16), CSCW Conference
2023	<b>Rising Stars of Data Science</b> , UC San Diego, UChicago and Stanford University
2023	<b>Google Research Science Conference Scholarships (\$3000)</b> , Google Research
2023	<b>Best Paper Honorable Mention</b> ( <a href="#">Top 5%</a> , 3/65), IUI Conference
2020, 2022	<b>Graduate Student Travel Grant</b> (Virtual Conferences) ( <a href="#">\$500</a> ), College of IST, PennState
2019	<b>CRA-W Grad Cohort Award (\$2,000)</b> , Grad Cohort Workshop for Women
2018 - 2019	<b>Lehigh University Fellowship (\$57,752)</b> , Lehigh University
2015	<b>Outstanding Master Degree Candidate</b> ( <a href="#">Top 12.5%</a> , 5/40), RenMin University of China
2013	<b>Outstanding Merit Student</b> ( <a href="#">Top 0.2%</a> , 1/550), Beijing
2013	<b>Excellent Graduate</b> ( <a href="#">Top 0.2%</a> , 1/550), Beijing
2013	<b>Outstanding-Dissertation Award</b> ( <a href="#">Top 0.5%</a> , 3/550), USTB
2011, 2012	<b>National Endeavor Fellowship (¥10,000, Top 2%, 5/550)</b> ,
2012	<b>Alumni Funding Scholarship (¥5,000, Top 0.3%, 8/3,000)</b> , USTB

## PUBLICATIONS

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### Preprints Under Review

2025	P.29	<b>Hua Shen</b> , Tiffany Kneareem, Reshmi Ghosh, Kenan Alkiek, Kundan Krishna, Yachuan Liu, Ziqiao Ma, Savvas Petridis, Yi-Hao Peng, Li Qiwei, Sushrita Rakshit, Chenglei Si, Yutong Xie, Jeffrey P. Bigham, Frank Bentley, Joyce Chai, Zachary Lipton, Qiaozhu Mei, Rada Mihalcea, Michael Terry, Diyi Yang, Meredith Ringel Morris, Paul Resnick, David Jurgens. <a href="#">Towards Bidirectional Human-AI Alignment: A Systematic Review for Clarifications, Framework, and Future Directions.</a> arXiv:2406.09264.
	P.28	<b>Hua Shen</b> , Nicholas Clark, and Tanushree Mitra. <a href="#">Mind the Value-Action Gap: Do LLMs Act in Alignment with Their Values?</a> arXiv:2501.15463.
	P.27	<b>Hua Shen</b> , Tiffany Kneareem, et al. <a href="#">ValueCompass: A Framework of Fundamental Values for Human-AI Alignment.</a> arXiv:2409.09586.

### Selected Conference & Journal Papers

2020-2025	P.26	Nick Clark, <b>Hua Shen</b> , Bill Howe, Tanushree Mitra. <a href="#">Epistemic Alignment: A Mediating Framework for User-LLM Knowledge Delivery.</a> Conference on Language Modeling, 2025.
	P.25	<b>Hua Shen</b> , Ziqiao Ma, Reshmi Ghosh, Tiffany Kneareem, Michael Liu, Sherry Wu, Andrés M-Hernández, Diyi Yang, Antoine Bosselut, Furong Huang, Tanu Mitra, Joyce Chai, Marti Hearst, Dawn Song, Yang Li. <a href="#">ICLR 2025 Workshop on Bidirectional Human-AI Alignment.</a> The Thirteenth International Conference on Learning Representations Workshop Proposal. - <i>ICLR 2025 Workshop Proposal</i>

- P.24 **Hua Shen**, Tiffany Knearem, Reshmi Ghosh, Michael Liu, Andrés M-Hernández, Sherry Wu, Diyi Yang, Yun Huang, Tanushree Mitra, Yang Li, Marti Hearst. [Bidirectional Human-AI Alignment: Emerging Challenges and Opportunities](#). Proceedings of the Extended Abstracts of the CHI Conference on Human Factors in Computing Systems.  
- *CHI 2025' EA*
- P.23 Qianou Christina Ma, Weirui Peng, **Hua Shen**, Kenneth Koedinger, Tongshuang Wu. [What You Say = What YouWant? Teaching Humans to Articulate Requirements for LLMs](#). ACM Transactions on Computer-Human Interaction.  
- *TOCHI 2025*
- P.22 Tuc Nguyen, James Michels, **Hua Shen**, Thai Le. [NoMatterXAI: Generating “No Matter What” Alterfactual Examples for Explaining Black-Box Text Classification Models](#). 39th Annual AAAI Conference on Artificial Intelligence.  
- *AAAI 2025*
- P.21 Snehal Prabhudesai, Ananya Prashant Kasi, Anmol Mansingh, Anindya Das Antar, **Hua Shen**, Nikola Banovic. [“Here the GPT made a choice, and every choice can be biased”: How Students Critically Engage with LLMs through End-User Auditing Activity](#). 2025 Conference on Human Factors in Computing Systems.  
- *CHI 2025*
- P.20 Qianou Christina Ma, **Hua Shen**, Kenneth Koedinger, Tongshuang Wu. [How to Teach Programming in the AI Era? Using LLMs as a Teachable Agent for Debugging](#). The 25th International Conference on Artificial Intelligence in Education.  
- *AIED 2024 🏆 Best Paper 🏆 Best Interactive Event Award*
- P.19 Mina Lee, Katy Llonka Gero, John Joon Young Chung, Simon Buckingham Shum, Vipul Raheja, **Hua Shen**, Subhashini Venugopalan, Thiemo Wambsganss, (+28 authors). [A Design Space for Intelligent and Interactive Writing Assistants](#). The ACM CHI conference on Human Factors in Computing Systems.  
- *CHI 2024*
- P.18 Kai-Wei Chang, Haibin Wu, Yu-Kai Wang, Yuan-Kuei Wu **Hua Shen**, Wei-Cheng Tseng, Iu-thing Kang, Shang-Wen Li, Hung-yi Lee. [SpeechPrompt: Prompting Speech Language Models for Speech Processing Tasks](#).  
- *Transactions on Audio, Speech and Language Processing (TASLP 2024)*.
- P.17 **Hua Shen**, Vicky Zayats, Johann Rocholl, Dan Walker, and Dirk Padfield. [MultiTurn-Cleanup: A Bench-mark for Multi-Turn Spoken Conversational Transcript Cleanup](#). The 2023 Conference on Empirical Methods in Natural Language Processing.  
- *EMNLP 2023 (Oral) 🏆 Google Research Science Conf. Scholarships*
- P.16 **Hua Shen**, Chieh-Yang Huang, Tongshuang Wu, Ting-Hao (Kenneth) Huang. [ConvXAI: Delivering Heterogeneous AI Explanations via Conversations to Support Human-AI Scientific Writing](#). The 26th ACM Conference On CSCW - Demonstrations.  
- *CSCW 2023 Demo 🏆 Best Demo*
- P.15 Tongshuang Wu, **Hua Shen**, Daniel S Weld, Jeffrey Heer, Marco Tulio Ribeiro. [ScatterShot: Interactive In-context Example Curation for Text Transformation](#). The ACM Conference on Intelligent User Interfaces.  
- *IUI 2023 🏆 Best Paper Honorable Mention*
- P.14 **Hua Shen\***, Adaku Uchendu\*, Jooyoung Lee\*, Thai Le, Ting-Hao' Kenneth' Huang, and Dongwon Lee. [Does Human Collaboration Enhance the Accuracy of Identifying Deepfake Texts?](#) The 11th AAAI Conference on Human Computation and Crowdsourcing.  
- *AAAI HCOMP 2023*
- P.13 Binfeng Xu, Xukun Liu, **Hua Shen**, Zeyu Han, Yuhan Li, Murong Yue, Zhiyuan Peng, Yuchen Liu, Ziyu Yao, Dongkuan Xu. [Gentopia.AI: A Collaborative Platform for Tool-Augmented LLMs](#). The 2023 Conference on EMNLP - System Demonstration.  
- *EMNLP 2023 Demo*

- P.12 **Hua Shen**, Tongshuang Wu, Wenbo Guo, Ting-Hao (Kenneth) Huang. [Are Shortest Rationales the Best Explanations For Human Understanding?](#) 60th Annual Meeting of the Association for Computational Linguistics.  
- *ACL 2022*
- P.11 **Hua Shen\***, Yuguang Yang\*, Guoli Sun, Ryan Langman, Eunjung Han, Jasha Droppo, Andreas Stolcke. [Improving Fairness in Speaker Verification via Group-adapted Fusion Network](#). 2022 IEEE International Conference on Acoustics, Speech and Signal Processing.  
- *ICASSP 2022* ★ **Amazon AI Applied Scientist Intern**
- P.10 **Hua Shen**, Ting-hao (Kenneth) Huang. [How Useful Are the Machine-Generated Interpretations? A Human Evaluation on Guessing the Wrongly Predicted Labels](#). The 8th AAAI Conference on Human Computation and Crowdsourcing.  
- *AAAI HCOMP 2020*
- P.9 Xinyang Zhang, Ningfei Wang, **Hua Shen**, Shouling Ji, Ting Wang. [Interpretable Deep Learning under Fire](#). Proceedings of the 29th USENIX Security Symposium.  
- *USENIX 2020*
- P.8 Ren Pang, **Hua Shen**, Xinyang Zhang, Shouling Ji, Yevgeniy Vorobeychik, Xiapu Luo, Alex X. Liu, Ting Wang. [The Tale of Evil Twins: Adversarial Inputs versus Poisoned Models](#). The 27th ACM Conference on Computer and Communications Security.  
- *ACM CCS 2020*
- 2015-2018 P.7 **Hua Shen**, Xun Liang. [A Quantitative Analysis Decision System Based on Deep Learning and NSGA-II for FX Portfolio Prediction](#). The 31st International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems.  
- *IEA-AIE 2018*
- P.6 **Hua Shen**, Xun Liang. [A Time Series Forecasting Model Based on Deep Learning Integrated Algorithm with Stacked Autoencoders and SVR for FX Prediction](#). The 25th International Conference on Artificial Neural Networks.  
- *ICANN 2016*
- P.5 **Hua Shen**, Xun Liang, Mingming Wang. [Emergency Decision Support Architectures for Bus Hijacking Based on Massive Image Anomaly Detection in Social Networks](#). The 2015 IEEE International Conference on Systems, Man, and Cybernetics.  
- *IEEE SMC 2015*

### Non-Archival Workshop Papers

- 2020-2024 P.4 **Hua Shen**, Tongshuang Wu. [Parachute: Evaluating Interactive Human-LM Co-writing Systems](#). The In2Writing Workshop at The 2023 ACM CHI Conference.  
- *CHI 2023 In2Writing Workshop*
- P.3 **Hua Shen**, Ting-hao (Kenneth) Huang. [Explaining the Road Not Taken](#). The 2021 ACM CHI Workshop on Operationalizing Human-Centered Perspectives in Explainable AI.  
- *CHI 2021 HCXAI Workshop*
- P.2 Shih-Hong Huang, Chieh-Yang Huang, Yuxin Deng, **Hua Shen**, Szu-Chi Kuan, and Ting-Hao' Kenneth' Huang. [Too Slow to Be Useful? On Incorporating Humans in the Loop of Smart Speakers](#). The WiP/Demo track of the 10th AAAI Conference on Human Computation and Crowdsourcing.  
- *AAAI HCOMP 2022 WiP/Demo*
- P.1 Jiaqi Wang, **Hua Shen**, Chacha Chen, Frank E. Ritter. [Are Learners Satisfied with Their MOOC Experiences? Assessing and Improving Online Learners' Interactions](#).  
- *Asian CHI 2021 Symposium*

## Book

- 2014      B.1      Xun Liang, Xiaoping Yang, **Hua Shen**. [Social Commerce Theory and Practice\[M\]](#), Tsinghua University Press, 2014.  
*ISBN No. 9787302381129*

## Patents

- 2018-2015 PT.2      Xun Liang, **Hua Shen**, Run Cao. [An innovative Emergency Discovery Method for Micro-blogging](#), Archived by State Intellectual Property Office of The P.R.C (SIPO), Patent Publication.  
*No. CN103577404A*
- PT.1      Xiaofei Li, Xun Liang, Xiaoping Zhou, Xiaojing Shi, **Hua Shen**, Haiyan Zhang. [A Cross-Platform Microblog Community Account Matching Method](#), Archived by State Intellectual Property Office of The P.R.C (SIPO), Patent Publication.  
*No. CN104765729A*

## RESEARCH COMMUNITY SERVICE

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### Program Committee / Associate Chair

- HCI      **CHI** 2026, 2025 (Associate Chairs). **CHI LBW** 2024 (Associate Chair). **CHI'24** HCXAI Workshop. **CHI'23** In2Writing Workshop.
- NLP      **ACL** 2023, 2021. **EMNLP** 2023, 2022. **ICML** 2023 AI & HCI Workshop.
- AI      **ICML** 2023 AI & HCI Workshop.

### Paper Reviewing

- NLP      **ACL RollingReview(ARR)** 2025 - 2021, **ACL** 2024, **NAACL** 2024, **EMNLP** 2023,
- HCI      **CSCW** 2024, 2025, **CHI** 2024, **TIIS** 2024, **CHI Late-Breaking Work** 2023, 2022
- Speech      **ICASSP** 2024
- AI      **NeurIPS** 2022 HEGM Workshop. **KDD** 2020, 2019. **ICDM** 2019. **ASONAM** 2019. **CIKM** 2018. **BigData** 2018. **TIST** Transactions on Intelligent Systems and Technology 2019. **TIS** Transactions on Information Systems 2019.

## RESEARCH TALKS

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- 2025.04      **University of Washington**.  
[Towards Bidirectional Human-AI Alignment via Interaction](#)
- 2025.02      **Amazon AGI**.  
[Towards Human-Centered Alignment in Speech Language Models](#)
- 2025.02      **New York University**.  
[Towards Bidirectional Human-AI Alignment via Interaction](#)
- 2025.02      **Penn State University**.  
[Towards Bidirectional Human-AI Alignment via Interaction](#)
- 2025.01      **University of Texas at Austin**.  
[Towards Bidirectional Human-AI Alignment via Interaction](#)
- 2024.11      **Cornell University**.  
[Towards Bidirectional Human-AI Alignment via Interaction](#)
- 2024.11      **Columbia University**.  
[Towards Bidirectional Human-AI Alignment via Interaction](#)

2024.11, 10	<b>University of Washington.</b> Towards Bidirectional Human-AI Alignment via Interaction
2024.10	<b>Google DeepMind.</b> Towards Human-Centered Alignment in Speech Language Models
2024.10	<b>Virginia Tech.</b> Towards Bidirectional Human-AI Alignment via Interaction
2024.7	<b>Microsoft, Responsible &amp; Open AI Research</b> Towards Bidirectional Human-AI Alignment via Interaction
2024.7	<b>University of Illinois Urbana-Champaign.</b> Towards Bidirectional Human-AI Alignment via Interaction
2023.12	<b>EMNLP 2023.</b> Oral talk. A Benchmark for Multi-Turn Spoken Conversational Transcript Cleanup
2023.11, 10	<b>University of Michigan - Ann Arbor.</b> Towards Human-Centered AI Alignment via Interaction
2023.11	<b>Rising Star of Data Science.</b> UChicago & UC San Diego. Towards Useful AI Interpretability via Interactive AI Explanations
2023.07	<b>Carnegie Mellon University.</b> Towards Useful AI Interpretability via Interactive AI Explanations
2023.05	<b>Princeton University.</b> Towards Useful AI Interpretability via Interactive AI Explanations
2023.04	<b>CHI 2023 In2Writing Workshop.</b> Parachute: Evaluating Interactive Human-LM Co-writing Systems
2023.03	<b>IUI 2023.</b> Virtual. ScatterShot: Interactive In-context Example Curation for Text Transformation
2023.01	<b>Google Research.</b> A Benchmark for Multi-Turn Spoken Conversational Transcript Cleanup
2022.09	<b>University of Notre Dame.</b> Useful XAI via Interactive AI Explanations
2022.08, 2021.08	<b>Amazon Alexa AI.</b> Distilling Auto-Regressive Large Language Models Improving Fairness in Speaker Verification Models
2021.05	<b>CHI 2021 HCXAI Workshop.</b> A Survey on Human-Centered Explainable NLP

## MENTORING EXPERIENCE

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PhD	<b>Qianou (Christina) Ma</b> (Carnegie Mellon University) How to Teach Programming in the AI Era? Using LLMs as a Teachable Agent for Debugging Teaching Humans to Articulate Requirements for LLMs
	<b>Nicholas Clark</b> (University of Washington) Epistemic Alignment between Human and LLMs
	<b>Snehal Prabhudesai</b> (University of Michigan) How Students Critically Engage with LLMs through End-User Auditing Activity

Master	<b>Yu-Ju (Marisa) Yang</b> (UIUC) A Framework of Fundamental Values for Human-AI Alignment
	<b>Kenan Alkiek</b> (University of Michigan) Spatial Understanding of Large Language Models
Bachelor	<b>Jooyoung Lee</b> (Penn State) Human collaborative evaluation on LLM-generated deepfake texts
	<b>Anmol Mansingh</b> (University of Michigan) How Students Critically Engage with LLMs through End-User Auditing Activity
Bachelor	<b>Ruchi Panchanadikar</b> (Penn State; Incoming PhD at Clemson University) Developing Interactive AI Explanation System
	<b>Yuxin Deng</b> (Penn State; Master at CMU) Human Study of Interactive AI Explanation System
Bachelor	<b>Ananya Kasi</b> (University of Michigan) How Students Critically Engage with LLMs through End-User Auditing Activity
	<b>Reuben Lee</b> (Penn State; TDP at Capital One) Developing Interactive AI Explanation System
Bachelor	<b>Sushirita Rakshit</b> (University of Michigan) Understanding of Large Language Models
	<b>Yijun Pan</b> (University of Michigan) Understanding of Large Language Models
Bachelor	<b>Daniel Tian</b> (University of Michigan) Understanding of Large Language Models
	<b>Omkar Yadav</b> (University of Michigan) Stylometric Authorship Discernment and Interpretation
Bachelor	<b>Haotian Zhang</b> (University of Michigan) Stylometric Authorship Discernment and Interpretation
	<b>Michael Jiang</b> (University of Michigan) Stylometric Authorship Discernment and Interpretation

## TEACHING ASSISTANT EXPERIENCE

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### Penn State University

2021	 <b>Graduate Student Online Teaching Certificate</b>
2023 SP, 2021 FA	<b>[DS 330] Visual Analytics for Data Sciences</b> <i>Undergraduate course, 70 students (Instructor: Luke Zhang, Sharon Huang)</i>
2022 SP	<b>[DS 320] Data Integration</b> <i>Undergraduate course, 50 students (Instructor: Yasser EL-Manzalawy)</i>
2021 SP, 2020 FA	<b>[DS 397] Algorithmic Methods</b> <i>Undergraduate course, 25 students (Instructor: Hadi Hosseini)</i>
2023, 2021	<b>[IST 261] Application Development Studio I</b> <i>Undergraduate course, 50 students (Instructor: Kenneth Huang)</i>

### Renmin University of China

2015 FA	<b>Calculus II</b> <i>Undergraduate course, 50 students (Instructor: Wenlin Huang)</i>
2015 SP	<b>Calculus I</b> <i>Undergraduate course, 50 students (Instructor: Wenlin Huang)</i>



2014 FA	<b>Linear Algebra</b> <i>Undergraduate course, 40 students (Instructor: Qijiang Song)</i>
2013 FA, 2014 SP	<b>Probability Theory and Mathematical Statistics</b> <i>Undergraduate course, 40 students (Instructor: Qijiang Song)</i>

## MEDIA AND CONFERENCE COVERAGE

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NAACL 2024	<b>Tutorial on Human-AI Interaction in the Age of LLMs.</b> Featuring Papers: <a href="#">ScatterShot</a> , <a href="#">HypoCompass</a> , <a href="#">ConvXAI</a> Instructor: <a href="#">Diyi Yang</a> , <a href="#">Sherry Tongshuang Wu</a> , <a href="#">Marti Hearst</a>
ACL 2024	<b>Tutorial on Automatic &amp; Human-AI Interactive Text Generation.</b> Featuring Papers: <a href="#">Parachute</a> , <a href="#">Design Space for In2Writing</a> Instructor: <a href="#">Yao Dou</a> , <a href="#">Philippe Laban</a> , <a href="#">Claire Gardent</a> , <a href="#">Wei Xu</a>
EMNLP 2023	<b>Tutorial on Designing, Evaluating, and Learning from Humans Interacting with NLP Models.</b> Featuring Paper: <a href="#">Parachute</a> Speaker: <a href="#">Tongshuang Wu</a> , <a href="#">Diyi Yang</a> and <a href="#">Sebastin Santy</a>
PSU News 2020	<b>Users don't understand computer explanations for image labeling errors.</b> <a href="#">PSU News</a> , <a href="#">TechXplore News</a> , <a href="#">ClickTech News</a>

## OUTREACH AND LEADERSHIP

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### Service and Leadership

2025	<b>Initiator &amp; Organizer</b> , <a href="#">Bidirectional Alignment Special Interest Group @CHI'25</a> Propose the workshop to foster interdisciplinary collaboration and submissions to support human agency, empower understanding and critical thinking in AI use, foster effective human-AI collaboration, and promote societal adaptations to maximize the AI benefits.
2025	<b>Initiator &amp; Organizer</b> , <a href="#">Bidirectional Alignment Workshop @ICLR'25</a> Propose this workshop to foster interdisciplinary collaboration and encourage AI-centered researchers to perceive alignment as a dynamic and mutual process, encourage submissions to explore diverse methods to integrate human values to train, steer, and customize AI.
2024	<b>MichiganAI Seminar Tsar</b> , <a href="#">Michigan AI Lab</a> . Coordinated MichiganAI seminars, including inviting speakers, coordinating and broadcasting seminars, and handled seminar logistics in July and August 2024.
2024	<b>MichiganAI Social Media Take-Over</b> , <a href="#">Michigan AI Lab</a> . Took over Michigan AI Lab social media, i.e., Twitter and Facebook, in July 2024.
2024	<b>Co-Organizer</b> , <a href="#">The Michigan Interactive and Social Computing (MISC) research group</a> . Co-organized the research events in 2024-2025 that connect researchers of HCI, CSCW across The University of Michigan from June to August, 2024.
2024	<b>Co-organizer of Michigan UMSI Job Navigation Panels</b> , <a href="#">School of Information</a> . Initiated and organized two panels to invite senior and junior professors to provide experience and advice on academic job search for students.
2022	<b>Student contributor</b> , <a href="#">JSALT 2022</a> . Contributed in the JSALT Leveraging Pre-training Models for Speech Processing Team.



2021	<b>Invited lecturer</b> , Penn State IST 501, Host: Dr. Mary Beth Rosson. 1 of the 3 representatives of 2019 PhDs to mentor 2020 PhDs in qualification exam.
2021	<b>Course design lecturer</b> , Penn State DS 330, Host: Dr. Sharon Huang. Served in Visual analytics for data sciences course project lecture.
2016-2018	<b>Leader</b> , CMBC Management Trainee Program. Served in head office future bankers program of China Minsheng Bank.
2014	<b>Liaison officer</b> , Singapore deputy prime minister delegation in APEC. Served in APEC (Asia-Pacific Economic Cooperation) finance ministerial meeting.
2012	<b>Vice Chairman</b> , USTB student union presidium. Served in the 6th presidium of the 22nd session of USTB student union.

## TECHNICAL AND METHOD SKILLS

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<b>DL/ML Programming</b>	PyTorch, TensorFlow, PyTorch-Transformers, S3PRL Speech, Scikit-Learn
<b>System Development</b>	Full-stack (frontend + ML-based backend) interactive system development.
<b>Web and Visualization</b>	React.js, HTML/CSS, JavaScript, D3.js, Bootstrap, Matplotlib
<b>HCI/UX Research</b>	Human Interview and Qualitative Coding, Human Studies and and Statistical Analysis
<b>Database</b>	Microsoft SQL Server, MySQL, PostgreSQL
<b>Miscellaneous</b>	Amazon MTurk Crowdsourcing, Adobe Illustrator, LaTeX
<b>Operational Systems</b>	Ubuntu, Linux/Unix, Shell Script, MacOS, Windows