

Zijian "Jason" Ding

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I have conducted research in **Human-centered AI** for 7+ years and in **Generative Models** for 5+ years. My current focus is Intent-AI Interaction. I've had the privilege of interning at MIT-IBM Watson AI Lab (summer 2024), Microsoft Research (summer 2023), and Dataminr AI Org (summer 2022). My industry research has been published (EMNLP'23, IUI'25, C&C'25) and also made real-world impacts such as GenAI patent (IBM Research) and GenAI product (Dataminr).

EDUCATION	<p>Ph.D. in Human-centered AI, University of Maryland, College Park (UMD) 2021-2026 <i>Thesis Title: From Automation to Augmentation: Scaffolding and Structuring Human-AI Collaboration through Intent-oriented Interaction Paradigms</i></p> <p>M.S in Electrical & Computer Engineering, University of California, San Diego (UCSD) 2018-2020</p> <p>B.Eng in Electronic & Information Engineering, The Hong Kong Polytechnic University (PolyU) <i>Admitted via Chinese College Entrance Exam and Awarded Full Scholarship (HK\$480,000)</i> 2014-2018</p>
INDUSTRY	<p>Research Intern, Fujitsu Research of America Sep 2025–Apr 2026 (part-time)</p>
RESEARCH	<p>Report to: Dr. Aakar Gupta, Senior Research Manager</p>
EXPERIENCE	<ul style="list-style-type: none">• Studied world model for intelligent systems• Part-time due to reaching CPT limit <p>Research Intern, MIT-IBM Watson AI Lab May 2024–Aug 2024 Report to: Dr. Kush Varshney, IBM Fellow Mentored by Dr. Michelle Brachman, HCI Staff Research Scientist & Dr. Werner Geyer, Chief Scientist Human-Centered AI & Principal Research Scientist</p> <ul style="list-style-type: none">• Studied Generative AI hypothesis exploration tool; the intern project was accepted as a C&C'25 full paper [8] and an IUI'25 demo paper [21], and filed a first-authored patent [30] <p>Research Intern, EPIC lab, Microsoft Research Redmond May 2023–Aug 2023 Report to: Dr. Ken Hinckley, Senior Principal Research Manager Mentored by Dr. Nathalie Henry Riche, Principal Researcher</p> <ul style="list-style-type: none">• Studied building Intent-based User Interface as the next generation of GUI for GenAI• Contributed to Microsoft Copilot; developed demos for senior leaderships in Microsoft <p>Research Intern, Human AI Innovation (HAI) team, Dataminr Inc. (pre-IPO) May 2022–Aug 2022 Report to: Dr. Alejandro Jaimes, Chief AI Officer Mentored by Dr. Alison Smith-Renner, Director of Human AI Innovation & Dr. Isabel Zhang, Staff Research Scientist</p> <ul style="list-style-type: none">• Studied human-AI interaction in the context of news headline generation with Large Language Model (LLM); work resulted in a first-authored EMNLP'23 paper [11]• Featured in Dataminr intern spotlight (the only research intern of 2022 cohort)
PUBLICATIONS	<p>Full Conference Papers In my field of AI and HCI, top-tier conferences (e.g. CHI, EMNLP, CSCW) are as, or more, impactful than journals.</p> <p>[1] K. Quan, D. Albassam, M. Wu, Z. Ding (co-advisor), J. Chin. Towards LLMs as Colleagues: Multi-Agent System Improves Structured Professional Ideation. In <i>Proceedings of the 2026 ACM Conference on Human Factors in Computing Systems (CHI'26)</i>. (Under review)</p> <p>[2] Z. Wang, Z. Zeng, Y. Li, Z. Ding (advisor). CareerPooler: A GenAI-Powered Pool Interaction Model for Career Simulation. In <i>Proceedings of the 2026 ACM Conference on Human Factors in Computing Systems (CHI'26)</i>. (Under review)</p> <p>[3] S. Wen, S. Ping, Z. Ding, W. Xu, L. Ma, Y. Yan, H. Liang, AdaptiveAudience: Bridging Gaming Emotion and Virtual Reality with RL-Driven NPC Behavior. In <i>Proceedings of the 2026 ACM Conference on Human Factors in Computing Systems (CHI'26)</i>. (Under review)</p> <p>[4] C. O'Connor, R. Gao, G. Zwi, Z. Ding (co-advisor), S. Valencia. "The AI Is Doing the New</p>

- Thing": Defining the Role of AI-Mediated Communication Between Autistic AAC Users and Their Parents Through Participatory Design. In *Proceedings of the 2026 ACM Conference on Human Factors in Computing Systems (CHI'26)*. (Under review)
- [5] K. Fu, J. Leng, Y. Zhang, J. Huang, Y. Zuo, R. Cai, **Z. Ding**, R. LC, S. Zhao, Q. Lei. Spatial Balancing: Harnessing Spatial Reasoning to Balance Exposition and Narrative Engagement in AI-assisted Scientific Communication. In *Proceedings of the 2026 ACM Conference on Human Factors in Computing Systems (CHI'26)*. (Under review)
 - [6] Y. Bai, **Z. Ding**, S. Wen, X. Chang, A. Taylor. From MAS to MARS: Coordination Failures and Reasoning Trade-offs in Hierarchical Multi-Agent Robotic Systems within a Healthcare Scenario. In *Proceedings of the AAAI Conference on Artificial Intelligence (AAAI'25)*. (Under review)
 - [7] **Z. Ding**, Q. Zhang, M. Chi, Z. Wang. Frontend Diffusion: Empowering Self-Representation of Junior Researchers and Designers with Agentic Workflows. In *Proceedings of the 2025 IEEE Symposium on Visual Languages and Human-Centric Computing (VL/HCC'25)*.
 - [8] **Z. Ding**, M. Brachman, J. Chan, W. Geyer. "The Diagram is like Guardrails": Structuring GenAI-assisted Hypotheses Exploration with an Interactive Shared Representation. In *Proceedings of the 2025 ACM Conferences on Creativity and Cognition (C&C'25)*. (Work during internship at MIT-IBM Watson AI Lab)
 - [9] Q. Zhang, R. Wen, L. B. Hendra, **Z. Ding (co-advisor)**, R. LC. Can AI Prompt Humans? Multimodal Agents Prompt Players' Game Actions and Show Consequences to Raise Sustainability Awareness. In *Proceedings of the 2025 ACM Conference on Human Factors in Computing Systems (CHI'25)*, Yokohama, Japan, 2025.
 - [10] J. Chan, **Z. Ding**, E. Kamrah, M. Fuge. Formulating or Fixating: Effects of Examples on Problem Solving Vary as a Function of Example Presentation Interface Design. In *Proceedings of the 2024 ACM Conference on Human Factors in Computing Systems (CHI'24)*, Honolulu, USA, 2024.
 - [11] **Z. Ding**, A. Smith-Renner, W. Zhang, J. R. Tetreault, A. James. Harnessing the Power of LLMs: Evaluating Human-AI Interaction through the Lens of News Headline Generation. In *Findings of the 2023 Conference on Empirical Methods in Natural Language Processing (EMNLP'23 Findings)*, Singapore. (Work during internship at Dataminr in 2022 summer)
 - [12] **Z. Ding**, A. Srinivasan, S. MacNeil, J. Chan. Fluid Transformers and Creative Analogies: Exploring Large Language Models' Capacity for Augmenting Cross-Domain Analogical Creativity. In *Proceedings of the 2023 ACM Conferences on Creativity and Cognition (C&C'23)*, Online. (Awarded Best Paper Honorable Mention 🏆)
 - [13] S. MacNeil, Z. Huang, K. Chen, **Z. Ding**, A. Yu, K. Nakai, S. P. Dow. Freeform Templates: combining Freeform Curation with Structured Templates. In *Proceedings of the 2023 ACM Conferences on Creativity and Cognition (C&C'23)*, Online.
 - [14] **Z. Ding**, J. Kang, T.O.T. Ho, K.H. Wong, H.H. Fung, H. Meng, X. Ma. TalkTive: A Conversational Agent Using Backchannels to Engage Older Adults in Neurocognitive Disorders Screening . In *Proceedings of the 2022 ACM Conference on Human Factors in Computing Systems (CHI'22)*, New Orleans, LA, USA.
 - [15] S. Palani, **Z. Ding**, A. Nguyen, A. Chuang, S. MacNeil, S. P. Dow. CoNotate: Suggesting Queries Based on Notes Promotes Knowledge Discovery. In *Proceedings of the 2021 ACM Conference on Human Factors in Computing Systems (CHI'21)*, Online.
 - [16] S. MacNeil, **Z. Ding**, A. Boone, A. B. Grubbs, S. P. Dow. Finding Place in a Design Space: Challenges for Supporting Community Design Efforts at Scale. In *Proceedings of the 2021 Conference of Computer Supported Cooperative Work (CSCW'21)*, Online.
 - [17] S. MacNeil, **Z. Ding**, K. Quan, T. J. Parashos, Y. Sun, S. P. Dow. Framing Creative Work: Helping Novices Frame Better Problems through Interactive Scaffolding. In *Proceedings of the 2021 ACM Conferences on Creativity and Cognition (C&C'21)*, Online.

- [18] R. Chang, Q. Wang, **Z. Ding**. Revolutionizing Urban Energy Planning: A Roadmap Towards City-level Energy Modelling in Australia. In *Proceedings of the International Conference on Construction Project Management and Construction Engineering (iCCPMCE'18)*, Sydney, Australia. (Awarded Best Paper 🏆).
- [19] Q. Wang, S. Zhang, D. Wei, **Z. Ding**. Additive Manufacturing (AM): A Revolutionized Power for Construction Industrialization. In *Proceedings of the 2018 International Conference on Construction and Real Estate Management (ICCREM'18)*, Charleston, USA. (Awarded Best Paper 🏆)

Short Conference Papers (Posters, Demos, Workshops)

- [20] **Z. Ding**, F. Li, H. Yu, J. Chan. Towards Conceptual Direct Manipulation: Drag-Based Research Ideation, Evaluation and Evolution. In *Adjunct Proceedings of the 2025 Annual ACM Symposium on User Interface Software and Technology (UIST'25 Poster)*
- [21] **Z. Ding**, M. Brachman, J. Chan, W. Geyer. Structuring GenAI-assisted Hypotheses Exploration with an Interactive Shared Representation. In *Companion Proceedings of the 30th International Conference on Intelligent User Interfaces (IUI'25 Demo)*, Cagliari, Italy. (Work during internship at MIT-IBM Watson AI Lab)
- [22] **Z. Ding**. Advancing GUI for Generative AI: Charting the Design Space of Human-AI Interactions through Task Creativity and Complexity. In *Companion Proceedings of the 29th International Conference on Intelligent User Interfaces (IUI'24 Doctoral Consortium)*, Greenville, SC, USA.
- [23] C. Cao, **Z. Ding**, G. Lee, J. Jiao, J. Lin, X. Zhai. Elucidating STEM Concepts through Generative AI: A Multi-modal Exploration of Analogical Reasoning. In *IJCAI 2023 Symposium on Multi-modal Reasoning with LLM (IJCAI'23 Symposium)*, Macao SAR, China.
- [24] **Z. Ding**, J. Chan. Mapping the Design Space of Interactions in Human-AI Text Co-creation Tasks. In *CHI 2023 Workshop on Generative AI and HCI (CHI'23 Workshop)*, Hamburg, Germany.
- [25] S. MacNeil, **Z. Ding**, K. Quan, Z. Huang, K. Chen, S. P. Dow. ProbMap: Automatically Constructing Design Galleries through Feature Extraction and Semantic Clustering. In *Adjunct Proceedings of the 2021 Annual ACM Symposium on User Interface Software and Technology (UIST'21 Demo Paper)*, Online.
- [26] S. Palani, **Z. Ding**, S. MacNeil, S. P. Dow. The "Active Search" Hypothesis: How Search Strategies Relate to Creative Learning. In *Proceedings of the 2021 Conference on Human Information Interaction and Retrieval (CHIIR'21 Poster Paper)*, Online.

Journals (Non-HCI)

- [27] E. Kamrah, S. F. Ghoreishi, **Z. Ding**, J. Chan, M. Fuge. How Diverse Initial Samples Help and Hurt Bayesian Optimizers. *ASME Journal of Mechanical Design*. [[highlighted as a featured article on the Journal of Mechanical Design's companion site](#)]
- [28] S. Chang, Q. Wang, H. Hu, **Z. Ding**, H. Guo. An NNwC MPPT-Based Energy Supply Solution for Sensor Nodes in Buildings. *Energies*, 12(1), 1-20.
- [29] R. Chang, Q. Wang, **Z. Ding**. How is the Energy Performance of Buildings Assessed in Australia?- A Comparison between four Evaluation Systems. *International Journal of Structural and Civil Engineering Research*, 8(2), 133-137.

PATENTS

- [30] **Z. Ding**, M. Brachman, W. Geyer. Automatic Generation and Visualization of Analysis Paths. (Filed on January 3rd, 2025)

ACADEMIC RESEARCH EXPERIENCE

Graduate Research Assistant, HCI Lab, UMD College of Information Studies Aug 2021–Present
Supervised by [Prof. Joel Chan](#)

- Studied using large language models to generate analogies to support design problem framing with a C&C'23 full paper awarded honorable mention [12]
- Investigated the effect of interface presentations of examples on solution quality in both machine

learning and creativity domains; led the human-centered angle and result a CHI'24 full paper [10] and a journal paper to ASME Journal of Mechanical Design (JMD) [27], featured on [Journal of Mechanical Design's companion site](#)

Visiting Research Intern, Dept. of Computer Science and Engineering, HKUST Sep 2020–Sep 2021
Supervised by [Prof. Xiaojuan Ma](#)

- Led a research project developing an interface to embed backchannel into conversation and collect spoken language biomarkers for screening and monitoring neurocognitive disorders of the elderly; resulted in a first-authored CHI'22 full paper [14]
- Collaborated with [Prof. Helen Meng \(CUHK\)](#) on a University Grants Committee (UGC) Theme-Based Research Scheme with funding HK\$50M (US\$6.45M) [[Media appearance on IEEE Spectrum](#)]

Graduate Research Assistant (Lab Assistant II), UCSD Design Lab Apr 2019–Jul 2021
Supervised by [Prof. Steven Dow](#) and [Prof. Stephen MacNeil](#) (now with Temple University)

- Explored how to engage, empower and scaffold novice community members in the design process; resulted in four full papers accepted to CHI'21 [15], CSCW'21 [16], C&C'21 [17], one CHIIR'21 poster paper [26] and one UIST'21 demo paper [25]

Undergraduate Research Assistant, PolyU & Boud University Sep 2017–Aug 2018
Supervised by [Prof. Hung-Lin Chi](#) and [Prof. Ruidong Chang](#) (now with the University of Adelaide)



- Worked on 3 computer-aided civil engineering projects with 4 publications ([18], [19], [28], [29]) and co-led a successful 3D printing building project with US\$46,000 funds

Undergraduate Capstone Project, PolyU Apr 2017–May 2018
Supervised by [Prof. Francis C. M. Lau](#)

- Built a CV-based wireless water-meter reading system (Best 50 Final Year Projects Award in HK)

AWARDS (US\$95,150)

UMD Post-Candidacy Doctoral Student Research Award , US\$1,500	2024
2024 IBM PhD Fellowship nominee	2024
2024 Apple Scholars in AI/ML PhD Fellowship nominee (one of three UMD-wide nominees)	2024
2024 Google PhD Fellowship nominee (one of four UMD-wide nominees)	2024
UMD Pre-Candidacy Doctoral Student Research Award , US\$1,500	2023
2023-2024 UMD College of Information Dean's Fellowship , US\$2,500	2023
Honorable Mention (5% of all papers), ACM Conference on Creativity and Cognition [12]	2023
Special Recognitions for Outstanding Reviews , ACM Conference on Creativity and Cognition	2023
Dataminr Intern Spotlight , featured in Dataminr Intranet	2022
UMD Dr. Dana Rotman Doctoral Student Travel Award , for CHI'22 [14], US\$1,550	2022
UMD College of Information iStar	2021
2021-2023 UMD College of Information Dean's Fellowship , US\$10,000	2021
UCSD ECE SRIP Fellowship , US\$5,000	2019
Winner of the UCSD Design Lab Mobility Hub Designathon , US\$1,000	2019
Best 40 FYP+ Award , US\$2,500 (HK\$20,000)	2019
PolyU Entry Scholarship (Academic Excellence) , US\$61,500 (HK\$480,000)	2014–2018
Best Paper Award , Intl. Conf. on Construction and Real Estate Management [19]	2018
Best Paper Award , Intl. Conf. on Construction Project Management & Construction Eng. [18]	2018
Best 50 Final Year Projects Award , US\$2,500 (HK\$20,000)	2018
Bronze Award (IT Services) , 4th China College Students' "Internet+" Innov. & Entr. Competition	2018
Bronze Award (Mfg) , 4th China College Students' "Internet+" Innov. & Entr. Competition	2018
Hong Kong-Tsingtao Association Scholarship , US\$1,300 (HK\$10,000)	2018
Best GPA Award , Dept. of Electronic and Information Engineering, PolyU	2017
Twice on Dean Honors List , Faculty of Engineering, PolyU	2015–2017

	Wong Tit-shing Student Exchange Scholarship , US\$2,000 (HK\$15,000)	2017
	PolyU Student Exchange Scholarship , US\$2,300 (HK\$17,000)	2017
FUNDS (US\$68,460)	ACM IUI Student Grant (from NSF) , to fund presentation of [22], US\$1,460	2024
	Norman Design Fund , donated by Don Norman , US\$890	2019
	PolyU Student Entrepreneurial Proof-of-Concept Funding Scheme , US\$4,000 (HK\$30,000)	2019
	PolyU International Competition & Conference Participation Scheme , US\$5,910 (HK\$46,000)	2018
	Mingxi Youth Fund , US\$33,000 (HK\$250,000)	2018
	PolyU Global Student Project Fund , US\$13,000 (HK\$100,000)	2018
	PolyU Oxbridge (Oxford & Cambridge) Abroad Subsidy , US\$6,400 (HK\$50,000)	2017
	PolyU Offshore WIE Sponsorship , US\$3,800 (HK\$29,600)	2016
TEACHING EXPERIENCE	Lead TA & Discussion Lead, INST123 Databases for All TA, INST346 Technologies, Infrastructure and Architecture	Fall 2024 / Spring 2025 / Fall 2025 Fall 2024
ACADEMIC SERVICES	Program Committee Member ACM Creativity & Cognition (C&C) 2024, 2025 ACM IUI 2025, 2026 ACM CHI GenAICHI (Generative AI and HCI) workshop 2024 Session Chair ACM Creativity & Cognition (C&C) 2024, Chicago, USA ACM CHI 2024, Honolulu, USA ACM Creativity & Cognition (C&C) 2023, Virtual ACM SIGCSE Technical Symposium 2023, Toronto, Canada Reviewer (40+ papers) International Journal of Human-Computer Interaction 2024 ACM Transactions on Interactive Intelligent Systems 2024 ACM CHI 2024, 2025, 2026 ACM IUI 2025 ACM CSCW 2024 ACM Creativity & Cognition (C&C) 2023  , 2024, 2025  Special Recognitions for Outstanding Reviews Student Volunteer ACM CHI 2024 ACM IUI 2024 ACM Creativity & Cognition (C&C) 2024 Competitions Organizer of AI and Food Insecurity Case Competition , with UMD Artificial Intelligence Institute, UMD Center for Artificial Intelligence in Business and Capital Area Food Bank Workshop Organizer 3rd Chinese Human-AI Colloquium, Pittsburgh, PA Colocated with <i>UIST 2024</i> 2nd Chinese Human-AI Colloquium, NYC, NY 1st Chinese Human-AI Colloquium, Honolulu, HI Colocated with <i>CHI 2024</i>	24 Jun 2024 13 May 2024 20 Jun 2023 16 March 2023 Jan-Apr 2025 13 Oct 2024 14 Aug 2024 16 May 2024

	Riding the LPM Wave: The Future of Academic Research in the Era of LPMs, UMD	3 Nov 2023
	Panelist	
	Center for an Informed Public Student Meeting, University of Washington	10 Oct 2024
	Virtual Admitted PhD Student Open House, iSchool, UMD	5 Apr 2024
	Admitted PhD Student Open House, iSchool, UMD	18 Mar 2024
MENTORING	Shaoyue Wen , NYU MS, now Imperial College London PhD	[3], [6]
	Yuanchen Bai , Cornell PhD	[6]
	Ziyi Wang , UMD MS	[2], [7]
	Fenghai Li , UIUC BS	[20]
	Qinshi Zhang , UCSD MS	[7], [9]
	Arvind Srinivasan , UMD MS, now Aarhus University PhD	[12]
	Kexin Quan , UCSD BS/MS, now UIUC PhD	[1], [17], [25]
OPEN SOURCE PROJECTS	Tiny Scientist , a lightweight framework for building research agents designed for developers	[20]
	Frontend Diffusion , an end-to-end LLM-powered tool that generates high-quality websites from user sketches. As part of	[7]
	EcoEcho , a demo of multi-agents influencing humans' behaviors in an RPG game. As part of	[9]
TALKS & PRESENTATIONS	Thesis Proposal , University of Maryland	4 Aug 2025
	From Automation to Augmentation: Scaffolding and Structuring Human-AI Collaboration through Intent-oriented Interaction Paradigms	
	Talk & Poster at 2025 HCIL Annual symposium , University of Maryland	29 May 2025
	Towards Human-AI Alignment on the Conceptual Level: GenAI-assisted Hypotheses Exploration and Evaluation	
	Talk & Poster at 2025 HCIL Annual symposium , University of Maryland	29 May 2025
	Rolling into the Future: Navigating Career Pathways with a GenAI-Powered Pool World Model	
	Graduate Research Appreciation Day 2025 , University of Maryland	9 Apr 2025
	Rolling into the Future: Navigating Career Pathways with a GenAI-Powered Pool World Model	
	Talk at UMD HCIL Brown Bag Series , University of Maryland	21 Nov 2024
	Intent-AI Interaction: Elevating Human-Computer Interaction to the Intent and Conceptual Level	
	Intern Project Final Presentation , MIT-IBM Watson AI Lab	8 Aug 2024
	Structuring GenAI-assisted Hypotheses Exploration with an Interactive Shared Representation	
	Poster at C&C 2024 , Chicago, Illinois	24 Jun 2024
	Towards Intent-based User Interfaces: Charting the Design Space of Intent-AI Interactions Across Task Types	
	Talk & Poster at 2024 HCIL Annual symposium , University of Maryland	23 May 2024
	Towards Intent-based User Interfaces: Charting the Design Space of Intent-AI Interactions Across Task Types	
	Talk at University of California, San Diego	8 May 2024
	Towards Intent-based User Interfaces: Charting the Design Space of Intent-AI Interactions Across Task Types	
	Talk & Poster at IUI 2024 , Greenville, South Carolina	18 Mar 2024
	Advancing GUI for Generative AI: Charting the Design Space of Human-AI Interactions through Task Creativity and Complexity	
	Talk at Temple University	15 Mar 2024
	Advancing GUI for Generative AI: Charting the Design Space of Human-AI Interactions through Task Creativity and Complexity	

Talk at UMD HCIL Brown Bag Series , University of Maryland Harness Generative AI for Real-time Data Visualization Management	8 Feb 2024
Virtual Poster at EMNLP 2023 , Singapore Harnessing the Power of LLMs: Evaluating Human-AI Interaction through the Lens of News Headline Generation	8 Dec 2023
Talk at UMD HCIL Brown Bag Series , University of Maryland Design-Like Data Analysis through Rapid Prototyping, Iteration and Curation	16 Nov 2023
Presentation & Demo to Senior Leadership Team of Microsoft Mesh , Microsoft	25 Jul 2023
Presentation & Demo, SYNC Meeting , Microsoft Research Redmond	11 Jul 2023
Presentation & Demo on HC(AI)X Day , Microsoft Research Redmond	28 Jun 2023
Paper Presentation at C&C 2023 , Online Fluid Transformers and Creative Analogies: Exploring Large Language Models' Capacity for Augmenting Cross-Domain Analogical Creativity	21 Jun 2023
Poster at 2023 HCIL Annual symposium , University of Maryland Fluid Transformers and Creative Analogies: Exploring Large Language Models' Capacity for Augmenting Cross-Domain Analogical Creativity	25 May 2023
Presentation at AI Org Meeting , Dataminr Inc. Harnessing the Power of LLMs: Evaluating Human-AI Interaction through the Lens of News Headline Generation	9 Aug 2022
Talk & Poster at 2022 HCIL Annual symposium , University of Maryland Computational Analogy: Supporting Creative Problem Reformulation with AI-generated Analogies	26 May 2022
Talk & Poster at 2022 HCIL Annual symposium , University of Maryland Exploring Presentation Interaction Effects on Mechanism of Inspiration from Diverse Examples	26 May 2022
Paper Presentation at CHI 2022 , New Orleans, Louisiana TalkTive: A Conversational Agent Using Backchannels to Engage Older Adults in Neurocognitive Disorders Screening	2 May 2022
Talk at UMD HCIL Brown Bag Series , Online Computational Analogy: Supporting Creative Problem Reformulation with AI-generated Analogies	10 Feb 2022
Demo at UIST 2021 , Online Automatically Constructing Design Galleries through Feature Extraction and Semantic Clustering	12-13 Oct 2021
Paper Presentation at C&C 2021 , Online Framing Creative Work: Helping Novices Frame Better Problems through Interactive Scaffolding	23 Jun 2021
Paper Presentation at CHI 2021 , Online CoNotate: Suggesting Queries Based on Notes Promotes Knowledge Discovery	12 May 2021
Poster at CHIIR 2021 , Online The "Active Search" Hypothesis: How Search Strategies Relate to Creative Learning	16-18 Mar 2021
Poster at World Innovation & Entrepreneurship EXPO (WIEE) , Tongji University Bright Building: Additive Construction for Post-Disaster Redevelopment	19 May 2018
Poster at Forum "From Disaster Management to Disaster Risk Reduction" , PolyU Bright Building: Additive Construction for Post-Disaster Redevelopment	7 May 2018
Talk at Luncheon Research Seminar , Dept of Building and Real Estate (BRE), PolyU Bright Building: Additive Construction for Post-Disaster Redevelopment	8 Mar 2018